

I N D E X

BOARD OF TRANSPORTATION MEETING

January 6-7, 2021

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BOARD OF TRANSPORTATION MEETING

January 6-7, 2021

As part of the Act to Provide Aid to North Carolinians In Response to Coronavirus Disease 2019 (COVID-19) Crisis, (S.L. 2020-3, SB 704) the General Assembly enacted modifications to the laws governing public bodies. The provisions are in Section 4.31 of the Act.

The January 6-7, 2021 meeting was held via Microsoft Teams for all members of the Board and therefore, considered a remote meeting. It was held in such way due to the restrictions in place pertaining to the COVID-19 pandemic.

Based on the new law (General Statute §166A-19.24), the meeting followed the parameters set out for remote meetings. Actions executed during the January 6-7, 2021 Board of Transportation meeting included:

- implementing a roll call voting system for all actions
- ensuring that the meeting minutes of the remote meeting reflect that the meeting was conducted by use of simultaneous communication, denoting the name of members participating by simultaneous communication, and recording when members join or leave the remote meeting

All members of the Board were reminded that all chats, instant messages, texts, or other written communications between members of the Board regarding the transaction of the public business during this remote meeting are deemed a public record. As always, the meeting was properly noticed, Wednesday, and was provided for members of the public to access the meetings.

Wednesday January 6, 2021

All committee reports are located at the end of this document.

Members of the Audit Committee attended the meeting beginning at 9:00am. Topics included an Office of the Inspector General (OIG) Activity Report provided by Mary Morton. A committee overview is located at the end of this document.

Members of the Road, Bridge and Ferry Naming Committee attended their meeting at 9:30am. Topics included were reviewing of the submitted application for Lieutenant Governor Walter H Dalton Highway. A committee overview is located at the end of this document.

Members of the Highway Committee convened at 10:30am. Topics included a presentation on the Departments Roadside Environmental Program and the Bridge Program. A committee overview is located at the end of this document.

Members of the Multi-Modal Committee convened at 10:30am. Topics included Funding items and presentations on Innovative Work in the Unmanned Aircraft Systems (UAS) Space and Rural Microtransit Pilot. A committee overview is located at the end of this document.

Full Board Work Session/ Finance Committee

Chairman Fox welcomed members to the meeting and thanked members of the Board for being present to handle business brought before them.

Chairman Fox stated we are continuing our remote meetings via Microsoft Teams as we have over the past several months in response to COVID-19. Today we will continue

- implementing a roll call voting system for all actions
- ensuring that the meeting minutes of the remote meeting reflect that the meeting was conducted by use of simultaneous communication, denoting the name of members participating by simultaneous communication, and recording when members join or leave the remote meeting
- reminding members that all chats, instant messages, texts, or other written communications between members of the Board regarding the transaction of the public business during this remote meeting are deemed a public record.

Call to Order

Chairman Fox called the meeting of the Board of Transportation to order at 1:02 p.m. on Wednesday, January 6, 2021, with the following members present via conference call:

Chairman Fox, Vice-Chair Perkins, Moran, Taft, Overholt, Zimmer, Mitchell, Hunt, Mathis, Tillman, Lathrop, Rosenburgh, Tarleton, Lail, Wells, Clarke, McGrady and Cody were present.

Board Member Jordan joined after the roll call.

Ethics Statement

Chairman Fox read the Ethics Statement advising all members of the Board that may have any conflict of interest, or appearance of conflict, to refrain from participation in that particular item and to file the proper paperwork with the Secretary to the Board of Transportation.

Chairman Fox read, "In accordance with the State Government Ethics Act, Executive Order No. 2 issued on January 12, 2009, and N. C. G. S. §143B-350, it is the duty of every Board member to avoid both conflicts of interest and appearances of conflict. "To comply with this statement and the State Ethics Law, I ask whether any Board member has a known conflict of interest or appearance of conflict with respect to any matters coming before the Board today."

"If so, please identify the conflict or appearance of conflict when the item appears on the agenda for consideration, refrain from any undue participation in the particular matter involved and sign before our notary the Declaration that has been provided to you for such purpose."

Tony Lathrop, Chairman of the Board's Finance Committee presided over the Finance Committee portion of the work session. The Finance Committee meeting minutes have been recorded separately for the committee.

A general account of the Finance Committee details include:

- Remarks from the North Carolina State Treasurer Dale R. Folwell, CPA
- Build NC from the State Perspective by Sharon Edmundson, Director of the SLGFD and Secretary of the Local Government Commission / Lewis Andrews, State Treasurer's Office.
- Bonding Basics by David Miller, Managing Director of PFM Financial Advisors, LLC.
- Overview of Draft Debt Management Policy and Financial and Spend Plan Status by Stephanie King, Chief Financial Officer.

After the Finance Committee meeting Chairman Fox asked if there were any additional items to discussion. He adjourned the work session/Finance Committee and reminded members that the Advanced Technologies Committee begins at 2:45pm.

Members of the Advanced Technologies (ATC) Committee convened at 2:45pm. Topics included a presentation on Transformational Technology in Transportation. A committee overview is located at the end of this document.

Thursday January 7, 2021 Official Board Meeting

Call to Order

Chairman Fox called the meeting of the Board of Transportation to order at 9:01 a.m. on Thursday, January 7, 2021, with the following members present in the virtual meeting: Chairman Fox, Vice-Chair Perkins, Moran, Taft, Overholt, Zimmer, Mitchell, Jordan, Hunt, Mathis, Tillman, Lathrop, Rosenburgh, Tarleton, Lail, Wells, Clarke, McGrady and Cody were present.

Ethics Statement

Chairman Fox read the Ethics Statement advising all members of the Board that may have any conflict of interest, or appearance of conflict, to refrain from participation in that particular item and to file the proper paperwork with the Secretary to the Board of Transportation.

Chairman Fox shared "In accordance with the State Government Ethics Act, Executive Order No. 2 issued on January 12, 2009, and N. C. G. S. §143B-350, it is the duty of every Board member to avoid both conflicts of interest and appearances of conflict. "To comply with this statement and the State Ethics Law, I ask whether any Board member has a known conflict of interest or appearance of conflict with respect to any matters coming before the Board today."

"If so, please identify the conflict or appearance of conflict when the item appears on the agenda for consideration, refrain from any undue participation in the particular matter involved and sign before our notary the Declaration that has been provided to you for such purpose."

Approval – December 2, 2020 Meeting Minutes

Chairman Fox stated that the meeting minutes were distributed for review prior to the meeting. Chairman Fox stated if there are no additions or corrections, he would accept a motion to approve the December 2, 2020 meeting minutes of the Board of Transportation. A motion was made by Board Member Rosenburgh and a second by Board Member Clarke.

Chairman Fox shared that he will now conduct a roll call for the vote on the action item. He explained to members that he will call each board member by name, he stated when you hear your name please respond to the action item up for consideration by saying either yes (or "aye") if you approve or no if you are opposed to the item.

Chairman Fox, Vice-Chair Perkins, Moran, Taft, Overholt, Zimmer, Mitchell, Jordan, Hunt, Mathis, Tillman, Lathrop, Rosenburgh, Tarleton, Lail, Wells, Clarke, McGrady and Cody all stated yes or aye on the motion.

Chairman Fox stated the motion passed.

Secretary Remarks

Secretary Boyette welcomed members of the Board, staff, and those listening to the livestream. He stated he hoped everyone had a safe holiday season. He shared the month of January has already been particularly exciting for the Department.

Project Updates

Secretary Boyette shared details on the Department's Project Updates with the Board. He stated the Department was made significant milestones and accomplished major projects over the past month. The newly open 14.4-mile, four-lane U.S. 64 around Asheboro and 1.7-mile connector to the North Carolina Zoo opened on December 18th. He stated the world's largest natural habitat zoo deserves this type of gateway. He shared visitors will now spend less time in traffic and more time at one of the state's greatest attractions.

Secretary Boyette shared on December 23rd the Department opened the new sections of the Greensboro Urban Loop and Winston-Salem Northern Beltway. Both projects will bring new connectivity between the Triad region and our neighbors from the north of the state.

S-Rail Development Grant

Secretary Boyette shared an update on the S-Rail Development Grant. He mentioned the Department's Integrated Mobility Division, Federal Transit Administration (FTA) recently was awarded a nine hundred thousand grant to help spur development along the S-Line corridor. The passenger rail line will start at the Virginia border and run through Raleigh and will end at the South Carolina state line. He shared other counties such as Apex, Franklinton, Henderson, Raleigh, Sanford, and Wake Forest contributed matching funds for the grant. Each city or town will use the grant money to help develop plans for the areas around the rail stations.

Cash Balance

Secretary Boyette shared an update on the Cash Balance with the Board. He shared the cash balance has remained near the statutory reporting threshold throughout the month of December. He mentioned the Department will continue to budget within the means and prepare for the unexpected times.

Event Updates

Secretary Boyette shared his event updates with the Board. He stated on December 8th he participated in a panel discussion on leadership during chaos. This event was hosted by the North Carolina Society of Certified Public Managers. He mentioned the pandemic was the key topic, but other topics included were "Managing a Remote Workforce".

Secretary Boyette shared he also gave remarks for the Pandemic Education Seminar hosted by the Department's Office of Civil Rights office which was broadcast December 17th. He mentioned he spoke on how the Department has had to evolve its top priority which is safety in 2020 due to the pandemic over the past year.

NC F1RST

Secretary Boyette shared updates on NC F1RST with the Board. He mentioned after nearly two years the NC F1RST Commission plan released its Findings on Friday, January 8th. He shared the commission's meeting can be viewed on the NC F1ST webpage. The Findings was also presented on Monday, January 11th to the House Standing Committee on Transportation, chaired by Representative John Torbett.

Creating Revenue and Finding Transportation Solutions (CRAFTS) Tool

Secretary Boyette mentioned the public comment period for the NC F1RST Commission's recommendations to the Board of Transportation has ended. He shared he still encourages everyone to go to the NC F1RST webpage and explore the Creating Revenue and Finding Transportation Solutions (CRAFTS) tool. He stated the very useful tool developed by Department's partner SAS, will let users adjust various settings to explore the future investment and financial scenarios within the Department.

License & Theft Bust

Secretary Boyette shared updates on the License & Theft Bust with the Board. He mentioned in November of last year the NCDMV License & Theft Bureau District 2/Moore County Inspectors James Carpenter and Kenneth Cauthen were out serving the citizens of North Carolina. These inspectors tracked NCDMV's bait trailer to a wooded area behind a furniture company in the Eagle Springs Community after it was stolen Thanksgiving night. While responding with a sheriff's deputy, they found more than just DMV's trailer. Other items were:

- A small utility trailer stolen from Southern Pines; a Forest River bumper tow camper; a 2006 Black Dodge Charger.
- A 24-foot trailer that had just been stolen from Randolph County and brought to this location for sale.

Many other items including lawncare equipment and more than a dozen TVs believed to have been stolen as well. Secretary Boyette shared five people were arrested in association with these stolen items. Confidently breaking up a potentially major theft ring in Moore County. Secretary Boyette thanked the inspectors for sacrificing their time on Thanksgiving and for their outstanding work.

Brent Hamilton Award

Secretary Boyette shared details on the annual Brent Hamilton Award with the Board. He stated the Department is now accepting nominations through January 15th for the Brent Hamilton Excellence in Financial Management and Integrity Award. He mentioned the award is named after the former Fiscal Manager Brent Hamilton, who was well known for her dedication to financial work but also for her courage and strength during a long battle with cancer. He shared this award is presented to an NCDOT employee who demonstrates dedication to financial services and functions, increases financial accountability, provides excellent stewardship of public dollars, and is a role model for adhering to ethical standards. To submit nominations or for more information, contact Kim Padfield at kpadfield@ncdot.gov.

Watch for Me NC

Secretary Boyette shared details on the Watch for Me NC with the Board. He mentioned Watch for Me NC nationally recognized program focuses on reducing bicycle and pedestrian injuries and fatalities through public education and community engagement partnerships with local law enforcement. The 2021 campaign will be supported by the Governor's Highway Safety Program and the N.C. Department of Transportation's Integrated Mobility Division.

Personnel Updates

Secretary Boyette shared Helen Landi has taken the role as Interim Human Resources Director for the Department.

Secretary Boyette shared Beau Memory has accepted the position as Chief Operating Officer effective January 23rd. He mentioned Beau has worked with the agency before and has great knowledge and insight about the Department.

Chairman Fox thanked Secretary Boyette for his remarks and asked if there were any questions.

Chairman Fox stated he wanted to take some time to remember and honor a couple of members who are extended family of the Board. He shared former Vice-Chairwoman Nina Szlosberg-Landis lost her husband Kel Landis to a two-year battle with cancer. He shared former Board member Szlosberg-Landis was a long-time member of the Board of Transportation. He asked the Board to keep Nina and her family in their thoughts and prayers.

Chairman Fox shared former President Pro Tempore Senator Marc Basnight also passed in December. He shared Senator Basnight was also a former Board member of the Board of Transportation and is the father-in-law to the current Division One Board member Allen Moran. He asked the Board to please keep Allen, Caroline and their family in their thoughts and prayers. In honor of the late Senator, Chairman Fox shared photos of Senator Marc Basnight and the naming of the Marc Basnight Bridge event with the Board.

DELEGATED AUTHORITY ITEMS

Chairman Fox stated that items C, D, E, H, and L are delegated to the Secretary and require no formal action by the Board. There was not an item E on the agenda this month.

Item C: All projects were awarded by the Secretary to the low bidder.

Product Evaluation Program Awareness

Chairman Fox noted that copies of this month's Product Evaluation Program Awareness update were provided to members of the Board for review and posted on the Board's website.

Approval of Projects

Chairman Fox asked members of the Board to announce any recusals to the action items within the presented project items. Recusals made by members of the Board on project items are noted below.

Chairman Fox invited a motion to approve the project items as presented.

A motion was made by Board Member Tarleton and seconded by Vice-Chair Perkins to approve all projects for items G, I, K, M, N, O, and R. (excluding items C, D, E, H, and L as they are delegated authority items and require no formal board action).

Chairman Fox shared that he would conduct a roll call vote for the vote action item under consideration. He stated when I say your name, please say either yes or "aye" to indicate yes or if opposed, please say "no".

Chairman Fox, Vice-Chair Perkins, Moran, Taft, Overholt, Zimmer, Mitchell, Jordan, Hunt, Mathis, Tillman, Lathrop, Rosenburgh, Tarleton, Lail, Wells, Clarke, McGrady and Cody all stated yes or aye on the motion.

Chairman Fox stated the motion passed.

Board Member Lathrop recused himself from voting on the following projects:

- Item R-Correction – Project 8.1223302, X-0003CA, B-201, South side of I-40 Duplin County; Conveyance of approximately 5.97 acres valued at \$10,000 to David Alexander Walters, the highest bid of the four adjacent owners, for the bid of \$5,000. As presented on the December 3, 2020 Board of Transportation Agenda. NOTE: THE RIGHT OF WAY UNIT HAS DETERMINED, THE DEPARTMENT DOES NOT HAVE TITLE TO THE AREA REQUESTED AND THEREFORE REQUEST A NOTATION IN THE DECEMBER 3, 2020 BOARD OF TRANSPORTATION MINUTES THAT THIS ITEM BE DELETED.
- Item R – Project R-2123BB, Parcel 015, I-485, Mecklenburg County; Conveyance of an approximate 1.680-acre area comprised of one (1) A-class residue, having a value of \$50,000 to Green Street Land Co., LLC for the highest offer amount of \$50,000; total commission \$5,000.

Board Member Zimmer recused himself from voting on the following projects:

- Item K – Project U-6058, WBS 47482.1.1; US 70 (Live Oak Street) at NC 101. \$690,700.00 has previously been approved for preliminary engineering. Additional funds are requested.
- Item K – Project R-3403B; WBS 34538.1.2 US 17 from SR 1433 (Antioch Road) to north of NC 43. \$2,524,627.00 has previously been approved for preliminary engineering. Additional funds are requested.
- Item N – Project U-6032; SR 2467 (MALLARD CREEK ROAD)/ SR 1445 (DERITA ROAD), I-485 TO CONCORD MILLS BOULEVARD (SR 2894). WIDEN TO MULTI-LANES. COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.
- Item N – Project 36249.4254 9586; This Project consists of signal modifications at US 117/ NC 133 (Castle Hayne Road) and SR 1322 (N. Kerr Avenue)/Site Access [SIN: 03-0191] related to the Riverside Development. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

- Item N – Project U-6202; SR 2048 (GORDON ROAD), US 17 (MARKET STREET) TO I-40. WIDEN ROADWAY. COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.

NCDOT Board of Transportation Agenda

ITEM C

December 15, 2020

According to Executive Order No. 2 and G.S. 143B-350(g), the Board is requested to concur with staff recommendations and delegate authority to the Secretary to award the following highway construction projects.

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00001

C204530
48827.3.1
2020001
NORTHAMPTON
BR-0118

PROPOSAL LENGTH 0.176 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.

LOCATION BRIDGE #93 OVER JACKS SWAMP ON SR-1203 (JACKS SWAMP RD).

EST CONST PROGRESS.... FY-2021..74% OF BID
FY-2022..26% OF BID

RPN 002 10 BIDDER(S) DBE GOAL 7.00 %

ESTIMATE 994,146.41

DATE AVAILABLE JAN 25 2021

INTER COMPLETION OCT 15 2021 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMENANT VEGETATION ESTABLISHMENT

FINAL COMPLETION APR 13 2022

	\$ TOTALS	% DIFF
DELLINGER INC MONROE, NC	910,000.00	-8.5
S T WOOTEN CORPORATION WILSON, NC	1,027,920.90	+3.4
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	1,109,488.90	+11.6
W C ENGLISH INCORPORATED LYNCHBURG, VA	1,114,218.54	+12.1
SANFORD CONTRACTORS INC LEMON SPRINGS, NC	1,154,000.00	+16.1
DANE CONSTRUCTION INC MOORESVILLE, NC	1,193,572.40	+20.1
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION CO DUNCA	1,229,416.48	+23.7
UNITED CONTRACTORS, INC. DBA UNITED CONTRACTORS INC. OF IOWA JO	1,367,402.05	+37.5
FIELDER'S CHOICE ENTERPRISES, INC. CHARLOTTESVILLE, VA	1,397,167.65	+40.5
T A LOVING COMPANY GOLDSBORO, NC	1,515,400.00	+52.4

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00003

*RELET FROM JUNE 18 2019

*C204561
15BPR.24
STATE FUNDED
BRUNSWICK

PROPOSAL LENGTH 0.360 MILES

TYPE OF WORK BRIDGE PRESERVATION.

LOCATION BRIDGE #13 OVER THE INTRACOASTAL WATERWAY ON NC-904.

EST CONST PROGRESS.... FY-2021..36% OF BID
FY-2022..64% OF BID

RPN 001 8 BIDDER(S) DBE GOAL 0.00%

ESTIMATE 3,433,926.35

DATE AVAILABLE MAR 15 2021

FINAL COMPLETION MAY 01 2022

	\$ TOTALS	% DIFF
FREYSSINET, INC STERLING, VA	2,809,675.30	-18.2
BUCKEYE BRIDGE LLC CANTON, NC	3,108,019.75	-9.5
LANFORD BROTHERS CO., INC. ROANOKE, VA	3,236,224.97	-5.8
COASTAL GUNITE CONSTRUCTION COMPANY CAMBRIDGE, MD	3,328,330.81	-3.1
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION CO DUNCA	3,699,185.75	+7.7
AMERICAN CONTRACTING & SERVICES INC JEFFERSONVILLE, IN	3,751,436.21	+9.2
SOUTHERN ROAD & BRIDGE LLC TARPON SPRINGS, FL	4,496,388.40	+30.9
CEKRA INC WILMINGTON, NC	7,852,780.00	+128.7

JUNE 18, 2019 LETTING

15BPR.24
STATE FUNDED
BRUNSWICK
RPN 002

BRIDGE PRESERVATION.

DATE AVAILABLE JUL 29 2019
FINAL COMPLETION AUG 01 2020

ENGINEER'S ESTIMATE

\$2,819,010.80

	\$ TOTALS	% DIFF
SOUTHERN ROAD & BRIDGE LLC TARPON SPRINGS, FL	3,773,662.50	+30.9
AMERICAN CIVIL CONSTRUCTORS WEST COAST LLC BENICIA, CA	3,884,000.00	+37.8
AMERICAN CONTRACTING & SERVICES CO., INC. JEFFERSONVILLE, IN	4,371,617.42	+55.1
LANFORD BROTHERS CO., INC. ROANOKE, VA	4,591,867.60	+62.9

DECEMBER 15, 2020 LETTING

15BPR.24
STATE FUNDED
BRUNSWICK
RPN 001

BRIDGE PRESERVATION.

DATE AVAILABLE MAR 15 2021
FINAL COMPLETION MAY 01 2022

ENGINEER'S ESTIMATE

\$3,433,926.35

	\$ TOTALS	% DIFF
FREYSSINET, INC STERLING, VA	2,809,675.30	-18.2
BUCKEYE BRIDGE LLC CANTON, NC	3,108,019.75	-9.5
LANFORD BROTHERS CO., INC. ROANOKE, VA	3,236,224.97	-5.8
COASTAL GUNITE CONSTRUCTION COMPANY CAMBRIDGE, MD	3,328,330.81	-3.1
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION CO	3,699,185.75	+7.7
AMERICAN CONTRACTING & SERVICES INC JEFFERSONVILLE, IN	3,751,436.21	+9.2
SOUTHERN ROAD & BRIDGE LLC TARPON SPRINGS, FL	4,496,388.40	+33.9
CEKRA INC WILMINGTON, NC	7,852,780.00	+128.7

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00003

C204579

2021CPT.03.06.10711, 2021CPT.03.06.10712, 2021CPT.03.06.20711, 2021CPT.03.06.20712

STATE FUNDED

PENDER

PROPOSAL LENGTH 27.150 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 1 SECTION OF US-17, 1 SECTION OF NC-210, 3 SECTIONS OF NC-53, AND 3 SECTIONS OF
SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..34% OF BID
FY-2022..66% OF BID

RPN 003 3 BIDDER(S) DBE GOAL 8.00 %

ESTIMATE 3,130,904.10

DATE AVAILABLE MAR 15 2021

INTER COMPLETION JUN 25 2021 COMPLETE ALL WORK REQUIRED FOR MAPS #1 & #2
APR 16 2021 COMPLETE ALL WORK REQUIRED FOR MAP #11
JUL 01 2021 COMPLETE ALL WORK REQUIRED FOR MAPS #14 THRU #16

FINAL COMPLETION APR 29 2022

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	2,576,916.84	-17.7
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	2,724,878.60	-13.0
HIGHLAND PAVING CO LLC FAYETTEVILLE, NC	2,991,699.32	-4.4

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00003

C204582

2021CPT.03.07.10821, 2021CPT.03.07.20821, 2021CPT.03.07.20822, 36248.97

STATE FUNDED

SAMPSON

PROPOSAL LENGTH 29.250 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 1 SECTION OF NC-50 AND 17 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..30% OF BID
FY-2022..70% OF BID

RPN 004 2 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 4,222,990.82

DATE AVAILABLE MAR 15 2021

INTER COMPLETION JUL 01 2021 COMPLETE ALL WORK REQUIRED OF MAPS #35 & #36

FINAL COMPLETION JUN 17 2022

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	3,508,790.88	-16.9
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	3,657,066.25	-13.4

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00003

C204591

2021CPT.03.11.20821, 2021CPT.03.11.20822, 36248.108

STATE FUNDED

SAMPSON

PROPOSAL LENGTH 21.510 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 18 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..30% OF BID
FY-2022..70% OF BID

RPN 005 3 BIDDER(S) DBE GOAL 8.00 %

ESTIMATE 2,847,344.21

DATE AVAILABLE MAR 15 2021

FINAL COMPLETION JUN 17 2022

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	2,302,639.03	-19.1
S T WOOTEN CORPORATION WILSON, NC	2,401,638.34	-15.7
JOHNSON BROTHERS UTILITY & PAVING CO INC LILLINGTON, NC	2,441,098.14	-14.3

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00003

C204592

2021CPT.03.12.10711, 2021CPT.03.12.10712, 2021CPT.03.12.20711

STATE FUNDED

PENDER

PROPOSAL LENGTH 30.130 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 1 SECTION OF NC-210, 1 SECTION OF NC-53, AND 7 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..34% OF BID
FY-2022..66% OF BID

RPN 006 4 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 3,954,069.40

DATE AVAILABLE MAR 15 2021

INTER COMPLETION MAY 28 2021 COMPLETE ALL WORK REQUIRED FOR MAP #17

FINAL COMPLETION APR 29 2022

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	3,097,242.05	-21.7
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	3,311,561.60	-16.2
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	3,503,516.18	-11.4
HIGHLAND PAVING CO LLC FAYETTEVILLE, NC	3,671,228.08	-7.2

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00004

C204575

2021CPT.04.09.10641, 2021CPT.04.09.20641

STATE FUNDED

NASH

PROPOSAL LENGTH 37.930 MILES

TYPE OF WORK MILLING, RESURFACING & SHOULDER GRADING.

LOCATION 1 SECTION OF US-301, 3 SECTIONS OF US-264 ALT, 1 SECTION OF NC-33 & 10 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..55% OF BID
FY-2022..45% OF BID

RPN 007 2 BIDDER(S) DBE GOAL 9.00 %

ESTIMATE 4,348,156.59

DATE AVAILABLE MAR 15 2021

INTER COMPLETION OCT 15 2021 COMPLETE ALL WORK EXCEPT FINAL PAVEMENT MARKINGS

FINAL COMPLETION NOV 15 2021

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	3,149,488.68	-27.6
FSC II LLC DBA ROSE BROTHERS PAVING COMPANY RALEIGH, NC	3,714,946.03	-14.6

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00004

C204539
48821.3.1
2020001
EDGECOMBE
BR-0112

PROPOSAL LENGTH 0.094 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.

LOCATION BRIDGE # 35 OVER OTTER CREEK ON SR-1616 (SHARP POINT ROAD).

EST CONST PROGRESS.... FY-2021..78% OF BID
FY-2022..22% OF BID

RPN 008 11 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 1,102,317.05

DATE AVAILABLE JAN 25 2021
INTER COMPLETION OCT 01 2021 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION MAR 30 2022

	\$ TOTALS	% DIFF
SANFORD CONTRACTORS INC LEMON SPRINGS, NC	967,500.00	-12.2
CIVIL WORKS CONTRACTING LLC WILMINGTON, NC	991,786.16	-10.0
DELLINGER INC MONROE, NC	1,000,000.01	-9.3
S T WOOTEN CORPORATION WILSON, NC	1,053,168.83	-4.5
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	1,112,779.85	+0.9
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	1,137,270.25	+3.2
T A LOVING COMPANY GOLDSBORO, NC	1,155,775.00	+4.8
UNITED CONTRACTORS, INC. DBA UNITED CONTRACTORS INC. OF IOWA JO	1,201,278.63	+9.0
SMITH-ROWE, LLC MOUNT AIRY, NC	1,238,177.25	+12.3
TRADER CONSTRUCTION CO NEW BERN, NC	1,321,606.55	+19.9
DANE CONSTRUCTION INC MOORESVILLE, NC	1,421,994.77	+29.0

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00005

C204576
2021CPT.05.20.20921.1
STATE FUNDED
WAKE

PROPOSAL LENGTH 20.900 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 46 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..28% OF BID
FY-2022..70% OF BID
FY-2023..02% OF BID

RPN 009 4 BIDDER(S) DBE GOAL 9.00 %
ESTIMATE 4,448,798.90

DATE AVAILABLE MAR 15 2021

FINAL COMPLETION JUL 30 2022

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	3,944,678.03	-11.3
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	3,979,266.89	-10.6
S T WOOTEN CORPORATION WILSON, NC	4,002,675.68	-10.0
CAROLINA SUNROCK LLC RALEIGH, NC	4,562,814.07	+2.6

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00008

C204546

2019CPT.08.07.10621, 2019CPT.08.07.20621

STATE FUNDED

MONTGOMERY

PROPOSAL LENGTH 9.702 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 2 SECTIONS OF NC-731, 2 SECTIONS OF NC-73, 1 SECTION OF NC-109, AND 9 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..29% OF BID
FY-2022..71% OF BID

RPN 010 3 BIDDER(S) DBE GOAL 8.00 %

ESTIMATE 1,536,101.93

DATE AVAILABLE MAR 15 2021

INTER COMPLETION AUG 19 2021 COMPLETE ALL WORK REQUIRED OF MAPS #2, #10 & #11

FINAL COMPLETION JUN 30 2022

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	1,212,234.45	-21.1
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	1,420,779.75	-7.5
J T RUSSELL & SONS INC ALBEMARLE, NC	1,527,464.50	-0.6

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00008

C204589

2019CPT.08.07.10771, 2019CPT.08.07.20771, 48979.3.1

STATE FUNDED

RICHMOND

PROPOSAL LENGTH 20.740 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER RECONSTRUCTION.

LOCATION 4 SECTIONS OF US-1, 2 SECTIONS OF US-220, 9 SECTIONS OF US-74, 1 SECTION OF NC-109,
AND 9 SECTIONS OF SECONDARY RDS.

EST CONST PROGRESS.... FY-2021..29% OF BID
FY-2022..71% OF BID

RPN 011 3 BIDDER(S) DBE GOAL 7.00 %

ESTIMATE 3,839,212.48

DATE AVAILABLE MAR 15 2021

FINAL COMPLETION JUN 30 2022

	\$ TOTALS	% DIFF
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	3,360,248.53	-12.5
HUDSON PAVING INC ROCKINGHAM, NC	3,380,692.58	-11.9
BOGGS CONTRACTING INC MONROE, NC	3,473,154.08	-9.5

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00008

C204581

2019CPT.08.15.10631, 2019CPT.08.15.20631, 2021CPT.08.04.20631

STATE FUNDED

MOORE

PROPOSAL LENGTH 13.780 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 1 SECTION OF US-15/501, 1 SECTION OF US-1, AND 8 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..29% OF BID
FY-2022..71% OF BID

RPN 012 4 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 3,605,473.47

DATE AVAILABLE MAR 16 2021

FINAL COMPLETION JUN 30 2022

	\$ TOTALS	% DIFF
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	2,861,912.72	-20.6
S T WOOTEN CORPORATION WILSON, NC	2,870,326.63	-20.4
HIGHLAND PAVING CO LLC FAYETTEVILLE, NC	3,372,692.29	-6.5
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	3,910,328.36	+8.5

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00008

C204578
2021CPT.08.02.10191
STATE FUNDED
CHATHAM

PROPOSAL LENGTH 9.010 MILES
TYPE OF WORK MILLING AND RESURFACING.
LOCATION 1 SECTION OF US-64.

EST CONST PROGRESS.... FY-2021..35% OF BID
FY-2022..65% OF BID

RPN 013 3 BIDDER(S) DBE GOAL 8.00 %
ESTIMATE 3,711,519.95

DATE AVAILABLE MAR 16 2021
FINAL COMPLETION JUN 20 2022

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	2,747,473.58	-26.0
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	2,950,078.65	-20.5
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	3,058,729.47	-17.6

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00008

C204588
2021CPT.08.02.20531
STATE FUNDED
LEE

PROPOSAL LENGTH 12.040 MILES

TYPE OF WORK MILLING AND RESURFACING.

LOCATION 13 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..30% OF BID
FY-2022..70% OF BID

RPN 014 3 BIDDER(S) DBE GOAL 6.00 %
ESTIMATE 1,875,846.00

DATE AVAILABLE MAR 16 2021

FINAL COMPLETION JUN 20 2022

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	1,329,147.42	-29.1
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	1,407,736.13	-25.0
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	1,693,665.57	-9.7

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00008

C204577

2021CPT.08.03.10471, 2021CPT.08.04.10631

STATE FUNDED

HOKE, MOORE

PROPOSAL LENGTH 6.951 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 2 SECTIONS OF US-15/501.

EST CONST PROGRESS.... FY-2021..53% OF BID
FY-2022..47% OF BID

RPN 015 6 BIDDER(S) DBE GOAL 7.00 %

ESTIMATE 1,498,140.39

DATE AVAILABLE MAR 16 2021

FINAL COMPLETION NOV 15 2021

	\$ TOTALS	% DIFF
S T WOOTEN CORPORATION WILSON, NC	1,080,928.41	-27.8
FSC II LLC DBA FRED SMITH COMPANY RALEIGH, NC	1,090,418.82	-27.2
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	1,127,909.81	-24.7
HUDSON PAVING INC ROCKINGHAM, NC	1,181,289.69	-21.1
HIGHLAND PAVING CO LLC FAYETTEVILLE, NC	1,253,073.98	-16.4
JOHNSON BROTHERS UTILITY & PAVING CO INC LILLINGTON, NC	1,254,455.60	-16.3

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00008

C204583

2021CPT.08.03.10831, 2021CPT.08.03.20471, 2021CPT.08.03.20831

STATE FUNDED

SCOTLAND, HOKE

PROPOSAL LENGTH 11.543 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 1 SECTION OF US15/501, 1 SECTION OF US-74 BUS, AND 10 SECTIONS OF SECONDARY
ROADS.

EST CONST PROGRESS.... FY-2021..29% OF BID
FY-2022..71% OF BID

RPN 016 2 BIDDER(S) DBE GOAL 7.00 %

ESTIMATE 1,680,004.19

DATE AVAILABLE MAR 16 2021

FINAL COMPLETION JUN 30 2022

	\$ TOTALS	% DIFF
HUDSON PAVING INC ROCKINGHAM, NC	1,337,169.24	-20.4
BARNHILL CONTRACTING CO ROCKY MOUNT, NC	1,391,621.42	-17.2

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00010

C204580

2020CPT.10.14.10601, 2020CPT.10.14.20601

STATE FUNDED

MECKLENBURG

PROPOSAL LENGTH 14.917 MILES

TYPE OF WORK MILLING, RESURFACING, AND SHOULDER GRADING.

LOCATION 2 SECTIONS OF US-21, 3 SECTIONS OF NC-16, 1 SECTION OF NC-24/27, AND 15 SECTIONS OF SECONDARY ROADS.

EST CONST PROGRESS.... FY-2021..29% OF BID
FY-2022..71% OF BID

RPN 017 5 BIDDER(S) DBE GOAL 7.00 %
ESTIMATE 4,508,016.93

DATE AVAILABLE MAR 15 2021

INTER COMPLETION SEP 30 2021 COMPLETE ALL WORK REQUIRED OF FULL DEPTH RECLAMATION ON MAPS #11 & #12

FINAL COMPLETION JUN 30 2022

	\$ TOTALS	% DIFF
BLYTHE CONSTRUCTION INC CHARLOTTE, NC	3,902,700.31	-13.4
BLYTHE BROTHERS ASPHALT CO LLC CHARLOTTE, NC	4,248,778.18	-5.8
SLOAN CONSTRUCTION A DIVISION OF REEVES CONSTRUCTION CO DUNCA	4,786,277.11	+6.2
J T RUSSELL & SONS INC ALBEMARLE, NC	5,059,925.71	+12.2
LYNCHES RIVER CONTRACTING INC PAGELAND, SC	5,075,372.70	+12.6

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00011

C204486
48833.3.1
2020001
WILKES
BR-0124

PROPOSAL LENGTH 0.120 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.

LOCATION BRIDGE #166 OVER WEST PRONG ROARING RIVER ON SR-1745.

EST CONST PROGRESS.... FY-2021..61% OF BID
FY-2022..39% OF BID

RPN 018 9 BIDDER(S) DBE GOAL 4.00 %
ESTIMATE 1,284,408.40

DATE AVAILABLE MAR 01 2021

INTER COMPLETION NOV 15 2021 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT

FINAL COMPLETION MAY 14 2022

	\$ TOTALS	% DIFF
JAMES R VANNOY & SONS CONSTRUCTION COMPANY INC JEFFERSON, NC	921,190.10	-28.3
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	984,053.86	-23.4
APPLE TUCK & ASSOCIATES INC RUTHERFORDTON, NC	987,749.40	-23.1
SMITH-ROWE, LLC MOUNT AIRY, NC	1,014,061.84	-21.0
R. E. BURNS & SONS CO., INC. STATESVILLE, NC	1,017,257.25	-20.8
DANE CONSTRUCTION INC MOORESVILLE, NC	1,030,512.15	-19.8
APAC - ATLANTIC INC THOMPSON ARTHUR DIVISION GREENSBORO, NC	1,165,042.25	-9.3
W C ENGLISH INCORPORATED LYNCHBURG, VA	1,221,343.44	-4.9
FIELDER'S CHOICE ENTERPRISES, INC. CHARLOTTESVILLE, VA	1,398,775.60	+8.9

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00011

C204494
48834.3.1
2020001
WILKES
BR-0125

PROPOSAL LENGTH 0.230 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURE.

LOCATION BRIDGE #663 OVER EAST PRONG ROARING RIVER ON SR-1002.

EST CONST PROGRESS.... FY-2021..32% OF BID
FY-2022..66% OF BID
FY-2023..02% OF BID

RPN 019 8 BIDDER(S) DBE GOAL 7.00 %
ESTIMATE 2,040,528.20

DATE AVAILABLE MAR 01 2021
INTER COMPLETION AUG 01 2022 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR
PERMANENT VEGETATION ESTABLISHMENT
FINAL COMPLETION JAN 28 2023

	\$ TOTALS	% DIFF
JAMES R VANNOY & SONS CONSTRUCTION COMPANY INC JEFFERSON, NC	1,781,757.76	-12.7
APPLE TUCK & ASSOCIATES INC RUTHERFORDTON, NC	1,831,542.10	-10.2
SMITH-ROWE, LLC MOUNT AIRY, NC	1,973,190.27	-3.3
NATIONAL BRIDGE BUILDERS LLC KERNERSVILLE, NC	1,985,884.65	-2.7
EASTERN STRUCTURES LLC MOCKSVILLE, NC	1,995,997.70	-2.2
W C ENGLISH INCORPORATED LYNCHBURG, VA	2,174,235.31	+6.6
DANE CONSTRUCTION INC MOORESVILLE, NC	2,471,111.15	+21.1
FIELDER'S CHOICE ENTERPRISES, INC. CHARLOTTESVILLE, VA	2,598,807.93	+27.4

HIGHWAY LETTING
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH N.C.
DECEMBER 15, 2020
DIVISION 00012

C204516
48823.3.1, 48824.3.1
2020001
IREDELL
BR-0114, BR-0115

PROPOSAL LENGTH 0.273 MILES

TYPE OF WORK GRADING, DRAINAGE, PAVING, AND STRUCTURES.

LOCATION BRIDGE #165 OVER ROCKY CREEK ON SR-1601 (BRANTON RD) AND BRIDGE #166 OVER ROCKY CREEK ON SR-1595 (COOLBROOK RD).

EST CONST PROGRESS.... FY-2021..35% OF BID
FY-2022..60% OF BID
FY-2023..05% OF BID

RPN 020 9 BIDDER(S) DBE GOAL 5.00 %
ESTIMATE 2,155,743.85

DATE AVAILABLE JAN 25 2021

INTER COMPLETION SEP 01 2022 COMPLETE ALL WORK EXCEPT PLANTING, REFORESTATION OR PERMANENT VEGETATION ESTABLISHMENT

NOV 15 2021 COMPLETE ALL WORK REQUIRED FOR BR-0115 AND OPEN TO TRAFFIC

FINAL COMPLETION FEB 28 2023

	\$ TOTALS	% DIFF
R. E. BURNS & SONS CO., INC. STATESVILLE, NC	1,707,120.50	-20.8
EASTERN STRUCTURES LLC MOCKSVILLE, NC	1,762,614.05	-18.2
JAMES R VANNOY & SONS CONSTRUCTION COMPANY INC JEFFERSON, NC	1,794,761.73	-16.7
APPLE TUCK & ASSOCIATES INC RUTHERFORDTON, NC	1,804,551.70	-16.3
DANE CONSTRUCTION INC MOORESVILLE, NC	1,853,230.05	-14.0
ES WAGNER COMPANY LLC PIEDMONT, SC	1,856,235.47	-13.9
SMITH-ROWE, LLC MOUNT AIRY, NC	1,993,053.33	-7.5
LEE CONSTRUCTION CO OF THE CAROLINA PINEVILLE, NC	2,139,802.20	-0.7
FIELDER'S CHOICE ENTERPRISES, INC. CHARLOTTESVILLE, VA	2,569,785.92	+19.2

ESTIMATE TOTAL	56,217,649.62	
LETTING TOTAL	45,508,813.83	-19.0

**NCDOT JANUARY 2021
Board of Transportation Agenda**

According to Executive Order No. 2 and G. S. 143B-350 (g) the Board is requested to concur with staff recommendations and delegate authority to the Secretary to award contracts to private firms for engineering services.

Professional Services Management

Chief Deputy Secretary

Deputy Secretary for Multi-Modal Transportation

Integrated Mobility Division

After careful evaluation of the workload and schedules of the work that can be accomplished by our staff, it was determined necessary to employ private firms for Integrated Mobility Division services on an as needed basis for various federal-aid and state funded projects to support the Integrated Mobility Division. These contracts will expire three (3) years with two (2) one-year extensions possible after the date of execution or after the contract amount has been depleted, whichever occurs first. Our staff has completed the actions for employing private firms in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

STATEWIDE

Description of Work:	2020 Integrated Mobility Division LSC
Firm:	AECOM Technical Services of North Carolina Inc, Chicago, IL
Maximum Engineering Fee:	\$5,000,000.00
DBE/MBE/SPSF Utilization:	Public Participation Partners LLC 5% / \$250,000.00

Description of Work:	2020 Integrated Mobility Division LSC
Firm:	Alta/Greenways, Portland, OR
Maximum Engineering Fee:	\$3,000,000.00
DBE/WBE/SPSF Utilization:	Three Oaks Engineering 5% / \$150,000.00

Description of Work:	2020 Integrated Mobility Division LSC
Firm:	Cambridge Systematics Inc, Medford, MA
Maximum Engineering Fee:	\$3,000,000.00
DBE/WBE/SPSF Utilization:	Planning Communities LLC 15% / \$450,000.00

Description of Work:	2020 Integrated Mobility Division LSC
Firm:	CES Group Engineers LLP, Denver, NC
Maximum Engineering Fee:	\$500,000.00
DBE/WBE/SPSF Utilization:	100%

Description of Work: 2020 Integrated Mobility Division LSC
Firm: HDR Engineering Inc of the Carolinas, Chicago, IL
Maximum Engineering Fee: \$5,000,000.00
DBE/MBE Utilization: Cincar Consulting Group LLC
5% / \$250,000.00
DBE/MBE/SPSF Utilization: Neighboring Concepts, PLLC
5% / \$250,000.00

Description of Work: 2020 Integrated Mobility Division LSC
Firm: KFH Group, Inc., Bethesda, MD
Maximum Engineering Fee: \$3,000,000.00
DBE/WBE/SPSF Utilization: 100%

Description of Work: 2020 Integrated Mobility Division LSC
Firm: Kimley Horn & Associates Inc, Atlanta, GA
Maximum Engineering Fee: \$5,000,000.00
DBE/MBE/SPSF Utilization: Amplify Consulting LLC
4% / \$200,000.00

Description of Work: 2020 Integrated Mobility Division LSC
Firm: Kittelson & Associates Inc, Portland, OR
Maximum Engineering Fee: \$3,000,000.00
DBE/WBE/SPSF Utilization: Foursquare Integrated Transportation Planning Inc
15% / \$450,000.00

Description of Work: 2020 Integrated Mobility Division LSC
Firm: Mosaic Civic Studio, PLLC, Boone, NC
Maximum Engineering Fee: \$500,000.00
SPSF Utilization: 100%

Description of Work: 2020 Integrated Mobility Division LSC
Firm: RLS & Associates Inc, Dayton, OH
Maximum Engineering Fee: \$3,000,000.00
DBE/WBE Utilization: 100%

Description of Work: 2020 Integrated Mobility Division LSC
Firm: Stantec Consulting Services Inc, Chicago, IL
Maximum Engineering Fee: \$5,000,000.00
SPSF Utilization: J S Lane Company, LLC
25% / \$1,250,000.00

Description of Work:	2020 Integrated Mobility Division LSC
Firm:	McAdams, Durham, NC
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2020 Integrated Mobility Division LSC
Firm:	Tindale Oliver & Associates Inc, Tampa, FL
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2020 Integrated Mobility Division LSC
Firm:	Toole Design Group LLC, Silver Spring, MD
Maximum Engineering Fee:	\$1,000,000.00
SPSF Utilization:	0%
Description of Work:	2020 Integrated Mobility Division LSC
Firm:	Traffic Planning and Design Inc, Pottstown, PA
Maximum Engineering Fee:	\$3,000,000.00
DBE/WBE/SPSF Utilization:	ChIPLEY Consulting LLC 9% / \$270,000.00
Description of Work:	2020 Integrated Mobility Division LSC
Firm:	VHB Engineering NC PC, Watertown, MA
Maximum Engineering Fee:	\$5,000,000.00
DBE/WBE Utilization:	Smart Moves Consulting LLC 10% / \$500,000.00
Description of Work:	2020 Integrated Mobility Division LSC
Firm:	WSP USA Inc, Dallas, TX
Maximum Engineering Fee:	\$5,000,000.00
DBE/WBE/SPSF Utilization:	Rebecca P. Cherry 10% / \$500,000.00

Chief Operating Officer

Chief Engineer

Deputy Chief Engineer

Highway Operations

Roadside Environmental Unit

The following is a supplemental contract to a previous contract approved by the Board with the same engineering firm. This supplemental contract was necessary due to approved additional work that was unknown at the inception and is required of the firm to complete the project. Our staff has completed the actions in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

STATEWIDE

Description of work:	2018 Asphalt Testing Laboratory Site Investigation & Remediation and Environmental Program Management Support Services LSC
Firm:	Groundwater Management Associates Inc, Apex, NC
Original Engineering Fee:	\$2,000,000.00
Supplemental Fee:	\$4,000,000.00
SPSF Utilization:	100%

Divisions

Division 6

The following is a supplemental contract to a previous contract approved by the Board with the same engineering firm. This supplemental contract was necessary due to approved additional work that was unknown at the inception and is required of the firm to complete the project. Our staff has completed the actions in accordance with the policies and procedures adopted by the Board on May 7, 2009. This is for information only.

DIVISION 6

Description of work:	2019 Eastern Divisions' Planning & Design Engineering Services Consultant (P&DSC) and General Engineering Services Consultant (GESC) LSC
Firm:	NV5 Engineers and Consultants Inc, Chicago, IL
Original Engineering Fee:	\$1,000,000.00
Previous Supplemental Fee:	\$3,000,000.00
Supplemental Fee:	\$4,550,000.00
SPSF Utilization:	Hinde Engineering Inc 2% / \$91,000.00
SPSF Utilization:	MI Engineering PLLC 2% / \$91,000.00
SPSF Utilization:	Ramey Kemp & Associates Inc 1% / \$45,500.00

END of ITEM D.

**NCDOT JANUARY 2021 BOARD OF TRANSPORTATION AGENDA
Secondary Road Improvement Projects (Highway and Trust Funds)**

According to G.S. 143B-350(g), the Board is requested to concur with staff recommendations and delegate authority to the Secretary to approve funds for Secondary Road Improvement projects

Project Increases:

Div / County	SR No. / Road Name	Description	Amount
Div 11 Ashe	Various	Spot Stabilization Reopen and Increase funds 11C.005034	\$100,000.00
Div 11 Avery	Various	Spot Stabilization Reopen and Increase funds 11C.006014	\$50,000.00
Div 11 Caldwell	Various	Spot Stabilization Increase funds 11C.014020	\$50,000.00
Div 11 Watauga	Various	Spot Stabilization Increase funds 11C.095027	\$75,000.00
Div 11 Yadkin	Various	Spot Stabilization Increase funds 11C.099013	\$17,000.00

Item E Summary:

0	Projects to Establish Funds	\$0.00
5	Projects to Increase Funds	\$292,000.00
0	Project to Increase & Close	\$0.00
0	Project Deletions	\$0.00

NCDOT January 7, 2021 Board of Transportation Agenda

Additions to the State Highway System:

County	Petition Number	Length Added (Miles)	Description and/or Subdivision	Date of Report
Division 1				
Camden	52210	0.28	Deerfield Manor Buck Run	09/30/20
		0.12	Whitetail Court	
		0.20	Deerfield Drive	
Division 3				
New Hanover	52211	0.13	Clay Crossing Middle Grove Lane	11/23/20
New Hanover	52212	0.77	Sycamore Grove Julia Drive	11/23/20
		0.03	Swiss Stone Court	
		0.04	Onyx Court	
		0.07	Marquette Drive	
		0.07	Dragons Eye Court	
		0.08	Ulloa Place	
New Hanover	52213	0.10	The Lakes at Johnson Farms Extend SR 2363, Gate Post Lane	11/23/20
Division 4				
Johnston	52214	0.09	Millstone Ridge Extend SR 3368, Crosscreek Lane	10/20/20
		0.09	Cedar Falls Way	
		0.18	Warriors Way	
		0.06	Plateau Circle	
		0.31	Deep Clay Circle	
Division 5				
Wake	52215	0.64	Blalock Forest Extend SR 2750, Norman Blalock Road	11/18/20
		0.06	Darlinghurst Lane	
		0.10	Clogher Road	
		0.09	Double Oak Lane	
		0.07	Middlegrove Lane	
		0.41	Blalock Forest Drive	
		0.07	Bexley Drive	
		0.22	Farmers Branch Road	
Wake	52216	0.03	Hunters Glen North Glenlake Court	10/27/20
Wake	52217	0.18	Extend SR 1114, Ralph Stephens Road	11/12/20
		0.06	Extend SR 1114, Main Street	

NCDOT January 7, 2021 Board of Transportation Agenda

Additions to the State Highway System:

County	Petition Number	Length Added (Miles)	Description and/or Subdivision	Date of Report
Division 7				
Rockingham	52218	0.18	Winsome Forest	09/28/20
		0.06	Bent Willow Way	
			Parkchester Court	
Division 8				
Hoke	52219	0.38	Wedgfield	11/19/20
		0.30	Extend SR 1655, Wexford Street	
		0.13	Weston Woods Street	
		0.16	Tellmont Street	
		0.03	Dellmar Drive	
		0.04	Brummel Court	
		0.09	Ledford Avenue	
			Courtland Drive	
Division 9				
Forsyth	52220	0.07	Glenn Meadow	12/02/20
			Extend SR 4383, Glen Way Drive	
Forsyth	52221	0.06	Rivergate	11/24/20
		0.06	Extend SR 3430, Misty Hill Circle	
			Extend SR 3429, Midstream Crossing Drive	
Division 11				
Wilkes	52222	0.18	Millers Crossing	03/04/20
		0.13	Millers Crossing Drive	
		0.25	Chase Lane	
			Lexi Drive	
Division 12				
Iredell	52223	0.93	Chesapeake Pointe	10/25/20
		0.08	Extend SR 2938, Cove Creek Road	
		0.07	Skipjack Point Court	
		0.06	Charthouse Lane	
			Sandy Cove Court	
Iredell	52224	0.29	Hollybrook	09/01/20
		0.10	Turtleback Drive	
		0.34	Sweet Grass Lane	
		0.06	Rain Shadow Drive	
			Avensong Court	
Iredell	52225	0.08	Rockspring	09/10/20
			Torrington Court	

NCDOT January 7, 2021 Board of Transportation Agenda

Additions to the State Highway System:

County	Petition Number	Length Added (Miles)	Description and/or Subdivision	Date of Report
Division 12 (Continued)				
Iredell	52226	0.10	The Point Forestdale Loop	10/04/20
Lincoln	52227	0.19	Brody Acres Brody Lane	08/19/20
Lincoln	52228	0.04	Verdict Ridge Shadow Court	03/09/20

NCDOT January 7, 2021 Board of Transportation Agenda

Abandonments from the State Highway System:

County	Petition Number	Length Abandoned (Miles)	Description and/or Subdivision	Date of Report
Division 5				
Wake	52229	0.20	SR 1143, Olive Dairy Road Retain 0.30 miles	05/06/20
Wake	52230	0.20	SR 1114, Ralph Stephens Road Related to petition 52217: Total to retain along SR 1114 after re-additions to Ralph Stephens Road and Main Street: 1.05 miles	11/12/20
Division 10				
Mecklenburg	52231	0.20	SR 2594, Hoyt Hinson Road Retain 0.0 miles	11/27/19
Division 12				
Iredell	52232	0.19	SR 1363, Bethlehem Road Retain 1.78 miles	12/01/20

Summary: **Number of roads petitioned for addition – 54**
 Number of roads petitioned for abandonment - 4

Corrections to the State Highway System:

County	Requested Action
Cabarrus	Petition 52207. The length retained for SR 1157 was listed incorrectly at 4.03 miles. Due to the associated transfer of a portion of SR 1335 to SR 1157, the correct length retained for SR 1157 should be 4.11 miles. The new length retained for SR 1335 is 0.75 miles. These corrections are retroactive to December 2, 2020.
Davidson	Petition 52081. Elijah Road was incorrectly listed as SR 2552. The correct listing should have been SR 2252. This correction is retroactive to April 02, 2020.
Harnett	Petition 51302. The length correction that was listed for this road in the December 2, 2020 minutes should be retroactive to March 9, 2017.
Nash	Petition 52191. Magnolina Road should be corrected to Magnolia Road. This correction is retroactive to December 2, 2020.

NCDOT JANUARY 2021 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development, High Impact/Low Cost

According to Executive Order No. 2 and G.S. 143B-350(g), the Board is requested to concur with staff recommendation and delegate authority to the Secretary to approve funds for specific Division-wide Small Construction / Statewide Contingency projects.

County	Description	Type	Amount
Div 2 Lenoir	City of Kinston – Extend taxiway to GTP North Cargo Building for Draken International WBS 49474	Contingency <u>TOTAL</u>	<u>\$250,000.00</u> \$250,000.00
Div 5 Franklin	Town of Youngsville – WBS 47712 was established (12/17) to construct right turn lane on SR 1130 (N. White St) at SR 1900 (Nomaco Dr) and strengthen Nomaco Dr; scope revised to widen & strengthen SR 1900 (Nomaco Dr) & extend pipes to accommodate widening and revised radii Reduce funds	Econ Development <u>TOTAL</u>	<u>(\$181,000.00)</u> (\$181,000.00)
Div 11 Caldwell	WBS 49292 was established (06/20) for drainage repair along US 321 between (Clover Dr SW) and (Dove St SW) at Bumgarner Camping Center Reduce & delete <i>Transfer funds to WBS 51214.01AJ</i> Drainage repair along US 321 between (Clover Dr SW) and (Dove St SW) at Bumgarner Camping Center WBS 51214.01AJ <i>Funds transferred from 49292</i>	Contingency <u>Contingency</u> <u>TOTAL</u>	 (\$500,000.00) <u>\$500,000.00</u> \$0.00
Div 11 Caldwell	Replace flood prone 48" cross line pipe on SR 1600 (Bolick Rd) with 20'-7" x 5'-3" Aluminum Box Culvert with headwall; upgrade an existing 24" pipe up to a 36" and an existing 18" pipe up to a 24" for a total of approximately 700 ft of roadway construction WBS 49472	Small Construction <u>Contingency</u> <u>TOTAL</u>	 \$100,000.00 <u>\$250,000.00</u> \$350,000.00

NCDOT JANUARY 2021 BOARD OF TRANSPORTATION AGENDA
Funds Request
Division-wide Small Construction, Statewide Contingency,
Public Access, Economic Development, High Impact/Low Cost

County	Description	Type	Amount
Div 11 Wilkes	WBS 47757 was established (01/18) for curve realignment on SR 2303 (Clingman Rd) with intersection improvements at SR 2350 (Ronda Clingman School Rd) Reduce funds	Small Construction <u>TOTAL</u>	 (\$100,000.00) (\$100,000.00)
Div 12 Catawba	City of Conover – WBS 49158 was established (03/20) for construction and realignment of approximately 1,705 linear feet of SR 1483 (Punched Loop Rd) Reduce funds	Econ Development <u>TOTAL</u>	 (\$122,000.00) (\$122,000.00)
Div 13 Buncombe	WBS 42433 was established (12/08) to construct road and bridge across Norfolk Southern Railway tracks and Hominy Creek to serve the new Buncombe County Sports Complex and Industrial Park; scope change to construct dual left turn lanes onto new bridge Reduce funds	Econ Development <u>TOTAL</u>	 (\$197,000.00) (\$197,000.00)
Div 13 Buncombe	PE / design for a new interstate interchange along I-26 (Exit 35) to provide ingress and egress from I-26 to industrial facility and eventual connectivity to NC-191 WBS 49473	Econ Development <u>TOTAL</u>	 \$500,000.00 \$500,000.00

Summary:	Number of Divisions	5
	Number of Projects	9
	Small Construction Commitment	\$0.00
	Public Access Commitment	\$0.00
	Contingency Commitment	\$500,000.00
	Economic Development Commitment	\$0.00
	High Impact/Low Cost Commitment	\$0.00
	TOTAL:	\$500,000.00

NCDOT January Board of Transportation Agenda

Public Transportation Program

<u>Division</u>	<u>Project Number</u>	<u>5310 - Amendment (Approved August 2020 BOT Meeting)</u>	<u>Estimated Project Cost</u>
07	21-ED-088	CASWELL COUNTY FY21 5310 Capital Purchase of Service funds for Elderly and Disabled. (Old Total \$6,101_Federal \$762_State \$764_Local) Application Number: 1000008255	Amended Planning \$25,000 Total \$20,000 Federal \$2,500 State \$2,500 Local

<u>Division</u>	<u>Project Number</u>	<u>State Safety Oversight Program</u>	<u>Estimated Project Cost</u>
Statewide		SSO FY2021 Under the FAST Act, 5329(e) - States may receive Federal funding, for a previously unfunded mandate, to develop and implement an enhanced State Safety Oversight (SSO) program. Eligible States have a rail fixed guideway public transportation system already in operation, or in engineering or construction, which is not subject to regulation by the Federal Railroad Administration (FRA). North Carolina was apportioned the following funds for FFY2019 \$352,048. These funds require a 20% state fund match, \$88,012. NCDOT will use the funding to implement the SSO initiative for Charlotte light rail system.	\$440,060 Total \$352,048 Federal \$88,012 State \$0 Local

Item I-I: Total Projects 1: Total Federal and State Funds \$462,560

<u>No of Projects</u>	<u>Program ID</u>	<u>Federal Amount</u>	<u>State Amount</u>	<u>Local Amount</u>	<u>Total Amount</u>
1	P2021_5310_CAPITAL	\$20,000	\$2,500	\$2,500	\$25,000
1	State Safety Oversight	\$352,048	\$88,012	\$0	\$440,060
2	TOTAL	\$372,048	\$90,512	\$2,500	\$465,060

NCDOT January 2021 Board of Transportation Agenda

Rail Program

Town/County Division	Project Description	Estimated Cost
Division 2 Carteret County 80000.1.4.81	The Rail Division requests board approval to revise the scope of improvements and provide supplemental funding for a Freight Rail & Rail Crossing Safety Improvement (FRRCSI) project on the North Carolina State Ports Authority (NCSPA) railway corridor. The revised project will improve a locking mechanism and install new bridge ties and joint bars on the movable bascule bridge that connects the main port to rail facilities on Radio Island. NCSPA will be responsible for construction of the project. The original scope and funding for the project was approved on the August 2020 BOT agenda at a total cost to the Department of \$230,000. The revised estimated total cost to the Department is \$400,000. FRRCSI ID: F20108	\$170,000

ITEM I - 2 SUMMARY – 1 PROJECT – (TOTAL FEDERAL AND STATE) \$ 170,000

NCDOT January 2021 Board of Transportation Agenda

Division of Bicycle and Pedestrian Transportation

Town/County Division	Project Description	Estimated Cost
	There will be no items presented for approval at the January 7, 2021, Board of Transportation meeting.	

ITEM I - 3 SUMMARY – NO PROJECTS

NCDOT January 2021 Board of Transportation Agenda

Aviation Program

**Division
Airport
County**

Project Description

Division 12
Statesville
Regional Airport
Iredell County

Replace Glideslope and Localizer (Amendment) 36244.59.8.1

This project replaces navigation equipment for aircraft to land in inclement weather. The equipment has reached its useful life and can no longer be maintained. This amendment provides additional funds for the low bid proposal.

Safety Enhancement Program State Match Funds WBS TBD

This request awards state funds to match federal funds for safety related projects at rural airports under the Airport Safety Enhancement Program. The list below shows each airport with corresponding project type.

Statewide

Airport Name	DIV	Project Type
Hyde County	1	Terminal Parking & Windcone Construction
Northeastern Regional	1	Pavement & Lighting Rehab
Martin County	1	T-Hangar and Access Road
Mount Olive Municipal	4	Weather Station Site Prep (additional match)
Columbus County	6	Safety Area Widening
Richmond County	8	Runway Lighting Rehab
Montgomery County	8	Land Acquisition
Jackson County	14	Navigation Aid Improvements (additional match)

ITEM I - 4 SUMMARY – 2 REQUESTS – Total State Aid Cost \$279,012

*Costs are estimated. Only eligible costs within the project scope of work will be reimbursed.

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Hertford Co. Div. 1 R-5311B REGIONAL	WBS 45449.1.4 US 13 / NC 11 from NC 11/NC 561 intersection near Ahoskie to US 13/US 158 /NC 45 near Winston. \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$15,000.00
Martin/ Beaufort Cos. Divs. 1/2 R-2511 DIVISION	WBS 35494.2.2 US 17 from Washington Bypass north of NC 171 to multi-lanes south of Williamston. \$1,000,000.00 has previously been approved for utilities. Additional funds are requested.	\$1,000,000.00
Martin/ Beaufort Cos. Divs. 1/2 R-2511 STATEWIDE/ DIVISION	WBS 35494.1.1 US 17 from Washington Bypass north of NC 171 to multi-lanes south of Williamston. \$4,997,296.00 has previously been approved for preliminary engineering. Additional funds are requested. This project has previously been identified as a Trust Fund Intrastate System project.	\$447,000.00
Carteret Co. Div. 2 B-5939 REGIONAL	WBS 46484.3.1 Bridge # 6 over Bogue Sound/Intracoastal Waterway on NC 58. \$4,200,000.00 has previously been approved for construction. Additional funds are requested.	\$1,700,000.00
Carteret Co. Div. 2 U-6058 REGIONAL	WBS 47482.1.1 US 70 (Live Oak Street) at NC 101. \$690,700.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$200,000.00

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Craven Co. Div. 2 R-3403B REGIONAL	WBS 34538.1.2 US 17 from SR 1433 (Antioch Road) to north of NC 43. \$2,524,627.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$250,000.00
Craven Co. Div. 2 R-5777 STATEWIDE	WBS 44648.1.1 US 70 from SR 1124 (Grantham Road) to the proposed US 70 Havelock Bypass. \$547,042.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$300,000.00
Craven Co. Div. 2 R-5777C STATEWIDE	WBS 44648.1.4 US 70 from Thurman Road to Havelock Bypass. \$3,845,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$2,250,000.00
Lenoir Co. Div. 2 R-2553 STATEWIDE	WBS 34460.1.2 US 70 (Kinston Bypass). \$8,117,830.00 has previously been approved for preliminary engineering. Additional funds are requested. This project has previously been identified as a Trust Fund Intrastate System project.	\$750,000.00
Lenoir Co. Div. 2 R-5813 REGIONAL	WBS 46983.1.1 US 70 at SR 1227 (Jim Sutton Road)/SR 1252 (Willie Measley Road). \$1,013,300.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$140,000.00

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pitt Co. Div. 2 U-5730 REGIONAL	WBS 54021.2.1 US 13 (Memorial Drive) at NC 43 (5th Street). \$600,000.00 has previously been approved for full right of way and utilities. Additional funds are requested.	\$370,000.00
Pender Co. Div. 3 AV-5744 DIVISION	WBS 46338.2.1 Henderson Field Airport (ACZ). Initial funds are requested for full right of way and utilities.	\$778,000.00
Pender Co. Div. 3 AV-5744 DIVISION	WBS 46338.1.1 Henderson Field Airport (ACZ). Initial funds are requested for preliminary engineering.	\$99,000.00
Edgecombe/ Nash Cos. Div. 4 P-5711A STATEWIDE	WBS 44908.3.2 CSX A Line Intermodal Terminal. \$94,430,000.00 has previously been approved for construction. Additional funds are requested.	\$1,100,000.00
Edgecombe Co. Div. 4 R-5868 DIVISION	WBS 47802.3.1 New route from SR 1252 (Dunbar Road) to SR 1225 (Kingsboro Road). \$6,170,000.00 has previously been approved for construction. Additional funds are requested.	\$3,030,000.00

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Nash Co. Div. 4 B-5947 REGIONAL	WBS 45983.1.1 Replace bridge 91 over Tar River on NC 581. \$284,174.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$227,000.00
Nash Co. Div. 4 U-5996 DIVISION	WBS 47133.1.1 SR 1603 (Old Carriage Road) from Green Hills Road to SR 1770 (Eastern Avenue). \$2,604,235.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$160,000.00
Wayne Co. Div. 4 U-2714 REGIONAL	WBS 38979.2.1 US 117 from US 70 Bypass to SR 1306 (Fedelon Trail) in Goldsboro. \$10,382,842.00 has previously been approved for full right of way and utilities. Additional funds are requested. This is a BUILD NC BOND project.	\$500,000.00
Wake Co. Div. 5 B-5987 REGIONAL	WBS 47817.1.1 Replace bridges 115 & 117 over Norfolk Southern Railroad and an unnamed creek on US 401. \$133,528.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$140,000.00
Wake Co. Div. 5 P-5715 REGIONAL	WBS 46927.1.1 New Hope Church Road grade separation over CSX rail line. \$1,531,500.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$300,000.00

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Wake Co. Div. 5 U-5747 REGIONAL	WBS 50167.1.1 NC 54 at SR 1635 (McCrimmon Parkway) in Morrisville. \$2,862,072.00 has previously been approved for preliminary engineering. Additional funds are requested. This is a BUILD NC BOND project.	\$1,100,000.00
Wake Co. Div. 5 U-5748 REGIONAL	WBS 50168.2.1 US 401 at SR 2044 (Ligon Mill Road) / SR 2224 (Mitchell Mill Road) intersection in Raleigh. \$1,558,779.00 has previously been approved for advanced acquisition of a specific parcel. Funds are requested for full right of way and utilities. This is a BUILD NC BOND project.	\$3,850,000.00
Wake Co. Div. 5 U-5750 REGIONAL	WBS 50170.1.1 NC 54 from NC 540 to Perimeter Park Drive in Morrisville. \$2,037,700.00 has previously been approved for preliminary engineering. Additional funds are requested. This is a BUILD NC BOND project.	\$550,000.00
Columbus Co. Div. 6 R-2561C REGIONAL	WBS 34466.4.4 NC 87 from NC 11 to US 74/76. \$700,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$590,977.27). Project is delayed. WBS will be closed.	-\$590,977.27
Cumberland Co. Div. 6 W-5206AM(L) STATEWIDE	WBS 45336.3.42 NC 24/NC 87 from Barrington cross street to east of Martin Luther King westbound ramps; NC 24/ NC 210 (Rowan Street) between Ray Avenue and Ramsey Street. \$171,632.00 has previously been approved for landscaping. Funds need to be decreased (\$24,730.76). Project is complete. WBS will be closed.	-\$24,730.76

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Cumberland Co. Div. 6 W-5601AG(L) REGIONAL	WBS 50138.3.250 NC 53/NC 210 (Cedar Creek Road) from west of I-95 to east of I-95. \$110,685.00 has previously been approved for landscaping. Funds need to be decreased (\$21,345.24). Project is complete. WBS will be closed.	-\$21,345.24
Cumberland Co. Div. 6 X-0002B(L) STATEWIDE	WBS 35196.3.25 Fayetteville Outer Loop from west of NC 24 (Bragg Boulevard) to east of NC 210 / NC 87 (Murchison Road). \$325,000.00 has previously been approved for landscaping. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$126,771.00
Robeson Co. Div. 6 AV-5747 DIVISION	WBS 46341.1.1 Lumberton Regional Airport (LBT). Parallel taxiway runway 5. \$140,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$46,250.00
Robeson Co. Div. 6 I-6064AA STATEWIDE/ REGIONAL	WBS 49067.1.5 Signal and signal communication upgrades needed for I-6064. I-95 integrated corridor management project. Initial funds are requested for preliminary engineering using Statewide (\$52,470.00) and Regional (106,530.00) Tier funding.	\$159,000.00
Robeson Co. Div. 6 I-6064AA STATEWIDE/ REGIONAL	WBS 49067.3.5 Signal and signal communication upgrades needed for I-6064. I-95 integrated corridor management project. Initial funds are requested for construction using Statewide (\$174,900.00) and Regional (355,100.00) Tier funding.	\$530,000.00

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pembroke/ Robeson Co. Div. 6 P-4900 STATEWIDE	WBS 41099.2.S1 Railroad Bypass of Pembroke to allow North to South shipments to turn East. \$3,723,040.00 has previously been approved for right of way. Additional funds are requested. This is a Strategic Transportation Investments Transition project	\$311,000.00
Guilford Co. Div. 7 P-5709 REGIONAL	WBS 46920.1.1 Norfolk Southern Railroad H LINE. \$1,200,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$350,000.00
Guilford Co. Div. 7 U-5896 DIVISION	WBS 44674.1.2 US 29 / US 70 / Business 85 at SR 1009 (South Main Street) in High Point. \$2,082,225.00 has previously been approved for preliminary engineering. Additional funds are requested. This is a BUILD NC BOND project.	\$500,000.00
Chatham Co. Div. 8 R-5930 DIVISION	WBS 48548.1.1 New route from Country Routt Brown Road to US 15 / 501. \$1,210,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,525,000.00
Sanford/ Lee Co. Div. 8 U-5709 DIVISION	WBS 50159.1.1 SR 1237 (Carthage Street) from SR 1152 (Fire Tower Road) to NC 42 (Wicker Street) in Sanford. \$1,468,212.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$393,000.00

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Randolph Co. Div. 8 U-5308 DIVISION	WBS 47028.1.2 SR 1547 (Finch Farm Road) from south of SR 3106 (Kennedy Road) to I-85. \$2,490,612.00 has previously been approved for preliminary engineering. Additional funds are requested. This is a BUILD NC BOND project.	\$1,323,000.00
Randolph Co. Div. 8 U-5770 REGIONAL	WBS 54036.1.1 I-85 at SR 1993 (South Main Street) in Archdale. \$1,020,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$407,500.00
Forsyth Co. Div. 9 R-2577A REGIONAL	WBS 37405.2.4 US 158 from multi-lanes north of US 421 / I-40 Business to SR 1965 (Belews Creek Road). \$196,445.00 has previously been approved for advanced acquisition of a specific parcel. Additional funds are requested for full right of way.	\$30,000,000.00
Forsyth Co. Div. 9 R-2577A REGIONAL	WBS 37405.2.5 US 158 from multi-lanes north of US 421 / I-40 Business to SR 1965 (Belews Creek Road). Initial funds are requested for utilities.	\$6,000,000.00
Rowan Co. Div. 9 B-5772 DIVISION	WBS 45728.1.2 Replace bridge 66 over the Norfolk Southern railway tracks on SR 1724 (Hurley School Road). \$10,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$200,000.00

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Cabarrus Co. Div. 10 AV-5890 REGIONAL	WBS 48401.3.1 Concord Regional Airport (JQF). Rehabilitate apron and taxiway pavement. \$315,000.00 has previously been approved for construction. Additional funds are requested.	\$250,000.00
Cabarrus Co. Div. 10 P-5725 REGIONAL	WBS 47603.1.1 Norfolk Southern Mainline. Construct track improvements, second platform, pedestrian underpass, sitework, retaining wall and signaling equipment. \$1,370,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$350,000.00
Cabarrus Co. Div. 10 U-5761 REGIONAL	WBS 50174.1.1 NC 3 (Dale Earnhardt Blvd) at intersection of NC 3 and US 29/601 (Cannon Boulevard). \$1,382,154.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$250,000.00
Cabarrus/ Mecklenburg Cos. Div. 10 U-6032 DIVISION	WBS 46965.1.1 SR 2467 (Mallard Creek Road) / SR 1445 (Derita Road) from I-485 to Concord Mills Boulevard (SR 2894). \$1,648,328.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$550,000.00
Mecklenburg Co. Div. 10 U-4713A DIVISION	WBS 39077.1.2 SR 3440 (McKee Road Extension) from SR 3448 (Pleasant Plains Road) to SR 1009 (John Street). \$1,061,698.00 has previously been approved for preliminary engineering. Additional funds are requested. This is a BUILD NC BOND project.	\$300,000.00

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. Div. 10 U-6103 STATEWIDE	WBS 48136.1.1 US 74 (Independence Boulevard) from I-277 to NC 27 (Albemarle Road). \$1,395,700.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,500,000.00
Stanly Co. Div. 10 R-5965B DIVISION	WBS 49190.2.3 Various, NC 205/SR 1110 (Swift Road) at intersection and SR 1110 (Swift Road)/SR 1115 (Big Lick Road) intersection. Initial funds are requested for full right of way and utilities.	\$250,000.00
Wilkes Co. Div. 11 R-2603 REGIONAL	WBS 36001.3.2 NC 268 from multi-lanes east of NC 18 to SR 1966 (Airport Road). \$29,428,065.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$272,895.00
Cleveland Co. Div. 12 R-4045 REGIONAL	WBS 34598.1.2 US 74 from Mooresboro to proposed Shelby Bypass (R-2707). Initial funds are requested for preliminary engineering.	\$1,500,000.00
Buncombe Co. Div. 13 I-2513A REGIONAL	WBS 34165.1.6 I-26 from I-26/I-40/I-240 interchange to SR 3548 (Haywood Road). Initial funds are requested for preliminary engineering.	\$2,000,000.00

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Rutherford Co. Div. 13 R-2233BB STATEWIDE/ DIVISION	WBS 34400.2.5 US 221 south of US 74 Business (Charlotte Road) to north of SR 1366 (Roper Loop Road). \$36,320,681.00 has previously been approved for advanced acquisition and full right of way. Additional funds are requested. This project has previously been identified as a Trust Fund Intrastate System project.	\$20,000,000.00
Graham Co. Div. 14 U-5866 DIVISION	WBS 46390.3.1 US 129 (Rodney Orr Bypass) to Robinsville High School and Middle School. \$5,002,713.00 has previously been approved for construction. Additional funds are requested.	\$270,000.00
Haywood Co. Div. 14 U-4712 DIVISION	WBS 39076.1.2 US 23 Business (South Main Street) from SR 1164 (Hyatt Creek Road) to US 276 (Pigeon Street). \$1,369,891.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$560,000.00
Haywood Co. Div. 14 U-5839 DIVISION	WBS 50230.1.1 US 276 (Russ Avenue) from US 23/74 to US 23 Business (Main Street). \$2,988,225.00 has previously been approved for preliminary engineering. Additional funds are requested. This is a BUILD NC BOND project.	\$515,000.00
Henderson Co. Div. 14 I-4400C REGIONAL	WBS 34232.2.5 I-26 from US 25 Business (Exit 44) to NC 280 (Exit 40). \$4,235,339.00 has previously been approved for full right of way. Additional funds are requested.	\$1,356,000.00

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Henderson Co. Div. 14 R-5207A DIVISION	WBS 45393.2.2 SR 1006 from US 64 to Henderson County Bridge no. 20 (B-3662). \$5,129,463.00 has previously been approved for full right of way and utilities. Additional funds are requested.	\$482,000.00
Henderson Co. Div. 14 R-5207C DIVISION	WBS 45393.3.5 SR 1006 (Howard Gap Road) from SR 1539 (Jackson Road) to US 25 in Fletcher. \$1,999,971.00 has previously been approved for construction. Additional funds are requested.	\$250,000.00
Henderson Co. Div. 14 R-5771 DIVISION	WBS 46877.3.2 Replace bridge 107 on SR 1690 (Broadpointe Drive). Initial funds are requested for construction.	\$500,000.00
Macon Co. Div. 14 R-5734B REGIONAL	WBS 50192.1.2 US 23 / US 441 from SR 1652 (Wide Horizon Drive) / SR 1152 (Belden Circle) to SR 1649 (Prentiss Bridge Road). \$1,149,300.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$375,000.00
Macon Co. Div. 14 U-5604 REGIONAL	WBS 45832.3.1 US 441 Business from US 23 / US 64 / US 441 to Porter Street. Intersection improvements at Womack Street, Maple Street, Porter Street and Depot Street in Franklin. \$5,700,000.00 has previously been approved for construction. Additional funds are requested. This is a BUILD NC BOND project.	\$2,090,000.00

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Swain/ Jackson Cos. Div. 14 R-4751 REGIONAL	WBS 40115.1.2 US 19 from SR 1152 (Hughes Branch Road) in Bryson City to SR 1195 (US 19A). \$2,042,913.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$176,000.00
Transylvania Co. Div. 14 R-5605 DIVISION	WBS 43587.3.1 Davidson River Village Connector from US 64/US 276 to US 64 in Pisgah Forest. \$12,893,315.00 has previously been approved for construction. Additional funds are requested. This is a BUILD NC BOND project.	\$4,400,000.00
Transylvania Co. Div. 14 R-5763 DIVISION	WBS 44638.1.1 SR 1540 (Wilson Road) from SR 1504 (Old US 64) to US 276. \$1,770,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$1,679,000.00
Transylvania Co. Div. 14 R-5799 REGIONAL	WBS 44984.1.1 Intersections of US 64, US 276 and NC 280. Construct intersection improvements. \$1,645,000.00 has previously been approved for preliminary engineering. Additional funds are requested.	\$520,000.00
Statewide M-0194 STATEWIDE	WBS 34263.1.1 Feasibility Studies by Division of Planning and Programming. \$73,300,381.00 has previously been approved for feasibility studies. Additional funds are requested. This project has previously been identified as a Trust Fund Specific State Funds for Construction project.	\$15,000,000.00

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Statewide M-0539 STATEWIDE/ REGIONAL/ DIVISION	WBS 49082.4.2 Mitigation for Neuse Basin 0202. Initial funds are requested to purchase private mitigation bank credits using 40% Statewide (\$4,400,000.00) / 30% Regional (\$3,300,000.00) / 30% Division (\$3,300,000.00) Tier funding.	\$11,000,000.00
Statewide M-0539 STATEWIDE/ REGIONAL/ DIVISION	WBS 49082.4.3 Mitigation for Yadkin 01. Initial funds are requested to purchase private mitigation bank credits using 40% Statewide (\$10,400,000.00) / 30% Regional (\$7,800,000.00) / 30% Division (\$7,800,000.00) Tier funding.	\$26,000,000.00
Statewide M-0539 STATEWIDE/ REGIONAL/ DIVISION	WBS 49082.4.4 Mitigation for Cape Fear 02. Initial funds are requested to purchase private mitigation bank credits using 40% Statewide (\$4,000,000.00) / 30% Regional (\$3,000,000.00) / 30% Division (\$3,000,000.00) Tier funding.	\$10,000,000.00
Statewide M-0539 STATEWIDE/ REGIONAL/ DIVISION	WBS 49082.4.5 Mitigation for French Broad 0105. Initial funds are requested to purchase private mitigation bank credits using 40% Statewide (\$4,000,000.00) / 30% Regional (\$3,000,000.00) / 30% Division (\$3,000,000.00) Tier funding.	\$10,000,000.00
Statewide M-0539 STATEWIDE/ REGIONAL/ DIVISION	WBS 49082.4.6 Mitigation for Little Tenn 0204. Initial funds are requested to purchase private mitigation bank credits using 40% Statewide (\$1,004,640.00) / 30% Regional (\$753,480.00) / 30% Division (\$753,480.00) Tier funding.	\$2,511,600.00

**NCDOT January 2021 Board of Transportation Agenda
Approval of Strategic Transportation Investments Funds**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Statewide M-0539 STATEWIDE/ REGIONAL/ DIVISION	WBS 49082.4.7 Mitigation for Pasquotank 0205. Initial funds are requested to purchase private mitigation bank credits using 40% Statewide (\$5,727,247.20) / 30% Regional (\$4,295,435.40) / 30% Division (\$4,295,435.40) Tier funding.	\$14,318,118.00
Statewide M-0539 STATEWIDE/ REGIONAL/ DIVISION	WBS 49082.4.8 Mitigation for Watauga 0103. Initial funds are requested to purchase private mitigation bank credits using 40% Statewide (\$2,588,659.20) / 30% Regional (\$1,941,494.40) / 30% Division (\$1,941,494.40) Tier funding.	\$6,471,648.00
Statewide M-0539 STATEWIDE/ REGIONAL/ DIVISION	WBS 49082.4.9 Mitigation for Cape Fear 0005. Initial funds are requested to purchase private mitigation bank credits using 40% Statewide (\$4,067,199.20) / 30% Regional (\$3,050,399.40) / 30% Division (\$3,050,399.40) Tier funding.	\$10,167,998.00
Statewide M-0539 STATEWIDE/ REGIONAL/ DIVISION	WBS 49082.4.1 Mitigation for Neuse Basin 0201. Initial funds are requested to purchase private mitigation bank credits using 40% Statewide (\$8,800,000.00) / 30% Regional (\$6,600,000.00) / 30% Division (\$6,600,000.00) Tier funding.	\$22,000,000.00
Statewide M-0539ZB STATEWIDE	WBS 49082.3.2 GIS based Regional Modeling. Initial funds are requested for special projects (GIS based Regional Model).	\$2,000,000.00

STATEWIDE STRATEGIC TRANSPORTATION INVESTMENTS	10 PROJECTS	\$23,313,040.24
REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	30 PROJECTS	\$54,627,072.49
DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	22 PROJECTS	\$18,810,250.00
STATEWIDE/REGIONAL STRATEGIC TRANSPORTATION INVESTMENTS	2 PROJECTS	\$689,000.00
STATEWIDE/DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	2 PROJECTS	\$20,447,000.00
STATEWIDE/REGIONAL/ DIVISION STRATEGIC TRANSPORTATION INVESTMENTS	9 PROJECTS	\$112,469,364.00
STRATEGIC TRANSPORTATION INVESTMENTS	75 PROJECTS	\$230,355,726.73

***Correction and resubmission from November 5, 2020 Board Approval (Page K-23) As reads:

Gaston Co.	WBS 37649.3.3	\$0.00
Div. 12	NC 273 (South Main Street) from Tuckaseegee Road at Beatty	
U-3633	Drive to Highland Street at A&E Drive. \$17,346,281.00 has	
REGIONAL/	previously been approved for construction. \$3,342,614.00 of	
DIVISION	Federal funds and \$835,653.50 of State Match funds will be	
	replaced with <u>Division</u> BUILD NC BOND funds.	

***The correction should be:

Gaston Co.	WBS 37649.3.3	\$0.00
Div. 12	NC 273 (South Main Street) from Tuckaseegee Road at Beatty	
U-3633	Drive to Highland Street at A&E Drive. \$17,346,281.00 has	
REGIONAL	previously been approved for construction. \$3,342,614.00 of	
	Federal funds and \$835,653.50 of State Match funds will be	
	replaced with BUILD NC BOND funds.	

***Correction and resubmission from November 5, 2020 Board Approval (Page K-24) As reads:

Gaston Co.	WBS 45342.3.14	\$0.00
Div. 12	NC 279 (Dallas Cherryville Highway) from south of	
W-5212N	(St. Mark's Church Road) to north of NC 275. \$17,990,252.00	
REGIONAL/	has previously been approved for construction. \$8,975,775.00	
DIVISION	of Federal funds and \$2,243,944.00 of State Match funds will be	
	replaced with <u>Division</u> BUILD NC BOND funds.	

***The correction should be:

Gaston Co.	WBS 45342.3.14	\$0.00
Div. 12	NC 279 (Dallas Cherryville Highway) from south of	
W-5212N	(St. Mark's Church Road) to north of NC 275. \$17,990,252.00	
REGIONAL	has previously been approved for construction. \$8,975,775.00	
	of Federal funds and \$2,243,944.00 of State Match funds will be	
	replaced with BUILD NC BOND funds.	

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Spot Safety Improvement Projects
and for Specific Spot Mobility Projects**

**According to Executive Order No. 2 and G.S. 143B-350(g) the Board is requested to
concur with staff recommendations and delegate authority to the Secretary to approve
Funds for Specific Spot Safety and Spot Mobility Improvement Projects**

Town/ County Division PROJ. CATEGORY	Project Description	Estimated Cost
Pasquotank Div. 1 SS-4901BI	WBS 48241.3.1 US 17 (North Road Street) at SR 1333 (Main Street). \$189,000.00 in Spot Safety construction funds has previously been approved for left turn lane installation. Additional funds are needed due to an increase in construction costs. File 01-17-48512-1	\$161,000.00
Wesley Chapel/ Union Co. Div. 10 SM-5710E	WBS 47905.2.1 SR 1346 (Potter Road) and SR 1162 (Wesley Chapel Road). \$42,000.00 in Spot Mobility right of way and utilities funds has previously been approved for roundabout installation. This project is being set up as a 20% companion match to allocated STBG-DA funds for the location. Additional funds are needed due to right of way and utility cost increases. Re-open ROW WBS, increase funds, transfer \$29,250.00 from SM-5710E (WBS 47905.2.1) to U-6087 (WBS 47882.2.1) to cover the 20% state match needed, and then re-close 47905.2.1. File 10-17-211-2	\$29,250.00
Weddington/ Union Co. Div. 10 SS-4910DH	WBS 48163.1.1 SR 1344 (Weddington Matthews Road) at SR 1345 (Tilley Morris Road). \$148,000.00 in Spot Safety preliminary engineering funds has previously been approved for roundabout installation. This project is being set up only as a 20% companion match to allocated STPG-DA funds for the location. Additional funds are needed due to preliminary engineering cost increases. Re-open PE WBS, increase funds, transfer \$9,500 from SS-4910DH (WBS 48163.1.1) to U-6090 (WBS 47884.1.1) to cover the 20% state match needed, and then re-close 48163.1.1. File 10-17-205-4	\$9,500.00
ITEM L SUMMARY	3 PROJECTS	\$199,750.00

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 1

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
DARE B-2500 EXEMPT	32635.3.5, BRNHF-0012(063) Replace Bridge #11 over Oregon Inlet on NC 12. \$252,902,159.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. This is a Strategic Transportation Investments (STI) transition project.	\$58,950,000.00 Cost \$47,160,000.00 Fed. \$11,790,000.00 State
Pasquotank Co. B-5139 EXEMPT	42300.3.FD1, BRZ-1332(2) Replace Bridge #21 over Knobb's Creek on SR 1332 (Creek Road). \$1,175,000.00 has previously been approved for construction. Funds need to be decreased (\$225,294.00). Work associated with this WBS is complete. This WBS will be closed. This is a Strategic Transportation Investments (STI) transition project.	(\$225,294.00) Cost (\$180,236.00) Fed. (\$45,058.00) State

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 2

National Highway

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Craven Co. K-5101 EXEMPT	42229.3.FS1, NHPP-0070(173) US 70 Rest Area Renovations. \$1,050,000.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. Work associated with this WBS is complete. This WBS will be closed. This is a Strategic Transportation Investments (STI) transition project.	\$716,468.00 Cost \$571,664.00 Fed. \$144,804.00 State

Bridge

Craven Co. BP-5500FF STATEWIDE	50070.3.31, BRSTP-0070(191) Bridge preservation on Bridges #83, #84, #222 and #231 on US 70 / US 17 / NC 55 in Craven County. \$4,397,500.00 has previously been approved for construction. Funds need to be decreased (\$494,487.00). Work associated with this WBS is complete. This WBS will be closed.	(\$494,487.00) Cost (\$395,591.00) Fed. (\$98,896.00) State
Lenoir Co. B-4565 EXEMPT	33773.3.FR1, BRSTP-070B(5) Replace Bridges #42 and #43 over the Neuse River, and Bridges #26 and #28 over the Neuse River Overflow on US 70 Business / US 258 Business in Kinston. \$2,134,756.77 has previously been approved for construction. Funds need to be decreased (\$173,146.00). Work associated with this WBS is complete. This WBS will be closed. This is a Strategic Transportation Investments (STI) transition project.	(\$173,146.00) Cost (\$138,519.00) Fed. (\$34,627.00) State

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 4

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wayne Co. P-5100 EXEMPT	42538.1.1, STP-0414(6) Goldsboro Union Station facility upgrades to convert the historic facility into a multi-modal transportation center. \$2,050,246.36 has previously been approved for preliminary engineering. Funds need to be decreased (\$1,065,022.00). This project is being withdrawn in the Federal system. This WBS will be closed. This is a Strategic Transportation Investments (STI) transition project.	(\$1,065,022.00) Cost (\$1,026,598.00) Fed. (\$38,424.00) State

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5

Congestion Mitigation

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Wake Co. C-5604HA EXEMPT	43714.2.10, CMAQ-0512(13) Mingo Creek Greenway Extension from the existing greenway to Knightdale Station Park in Knightdale. \$372,000.00 has previously been approved for right of way and utilities. Additional funds are needed as requested.	\$374,000.00 Cost \$299,200.00 Fed. \$74,800.00 Local

Urban

Wake Co. U-2719 STATEWIDE	35869.3.1, IMSNHS-0440(10) I-440 / US 1 from south of SR 1313 (Walnut Street) to north of SR 1728 (Wade Avenue) in Raleigh. This is now a GARVEE BOND project with a principal amount of \$30,000,000.00. Repayment of the bond requires \$2,574,000.00 of Federal funds in FFY2019 thru FFY2033. \$322,500,000.00 has previously been approved for construction. This request includes an increase of \$5,788,603.00 to reflect the low bid received on October 2, 2018, and \$15,889,482.00 to convert the project to GARVEE BOND.	\$21,678,085.00 Cost \$13,240,882.00 Fed. \$8,437,203.00 State
Wake Co. U-6242 DIVISION	49184.1.1, Federal No. 3555004 Complete Street Upgrades on SR 3555 (Old Wake Forest Road) / SR 2015 (Dixie Forest Road) from SR 2015 / SR 2041 (Spring Forest Road) to US 1 (Capital Boulevard) in Raleigh. Funds are needed for preliminary engineering.	\$15,000.00 Cost \$12,000.00 Fed. \$3,000.00 Local

Bridge

Wake Co. B-4655 EXEMPT	38455.1.2, BRZ-1006(40) Replace Bridge #277 over Black Creek on SR 1006 (Old Stage Road). \$100,625.00 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. Work associated with this WBS is complete. This WBS will be closed.	\$360,595.00 Cost \$288,295.00 Fed. \$72,300.00 State
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**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 5 (Continued)

Safety

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Granville Co. HS-2005A DIVISION	49309.1.2, Federal No. 1602005 SR 1602 (Main Street) at SR 1207 (Spring Street) in Oxford. Funds are needed for preliminary engineering.	\$22,000.00 Cost \$19,800.00 Fed. \$2,200.00 State

Rural

Wake Co. R-2814B EXEMPT	34506.3.GV2, STP-0401(214) US 401 (Rolesville Bypass) from SR 2225 (Louisbury Road) to NC 96 (Zebulon Road) in Rolesville. \$43,942,897.85 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. Work associated with this WBS is complete. This WBS will be closed. This is a Strategic Transportation Investments (STI) transition project.	\$4,331,747.00 Cost (\$6,733,070.00) Fed. \$11,064,817.00 State
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Bicycle and Pedestrian

Durham Co. U-4726HN DIVISION	36268.1.31, STPDA-0505(081) Pedestrian Improvements along SR 1321 (Hillandale Road) from I-85 to NC 147 (Durham Freeway) in Durham. \$465,105.00 has previously been approved for preliminary engineering. Additional funds are needed as requested.	\$185,453.00 Cost \$148,362.00 Fed. \$37,091.00 Local
Wake Co. EB-6049 DIVISION	49180.1.1, Federal No. 0510010 Sidewalk extensions along Avent Ferry Road in Holly Springs. Funds are needed for preliminary engineering.	\$5,000.00 Cost \$4,000.00 Fed. \$1,000.00 Local

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 6

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cumberland Co. U-2809B EXEMPT	34865.2.3, STP-1132(7) SR 1132 (Legion Road) from SR 1363 (Elk Road) to SR 1007 (Owen Drive) in Fayetteville. \$7,448,384.75 has previously been approved for right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. Work associated with this WBS is completed. This WBS will be closed.	\$1,960,198.00 Cost \$1,556,474.00 Fed. \$403,724.00 State

Bridge

Cumberland Co. B-4091(L) REGIONAL	33449.2.3, BRSTBG-0095(052)) Landscaping for B-4091: Replace Bridge #85 over the Cape Fear River / SR 1738 (Middle River Loop) / SR 1741 (Eastern Boulevard) on I-95 Business Loop / US 301 in Fayetteville. \$341,631.00 has previously been approved for landscaping. Funds need to be decreased (\$127,278.00). Work associated with this WBS is complete. This WBS will be closed.	(\$127,278.00) Cost (\$120,678.00) Fed. (\$6,600.00) Local
Cumberland Co. B-4491 REGIONAL	38389.3.3, BRSTP-0059(005) Replace Bridge #22 over I-95 Business / US 301 on NC 59 (Chicken Foot Road / South Main Street). \$15,729,654.83 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$556,983.00 Cost \$445,586.00 Fed. \$111,397.00 State
Cumberland Co. B-5993 DIVISION	48148.3.1, STBG-0620(049) Replace Bridge #211 over Beaver Creek on Louise Street in Fayetteville. \$1,150,000.00 has previously been approved for construction. Additional funds are needed as requested. Work associated with this WBS is complete. This WBS will be closed. This is a municipal bridge project.	\$127,036.00 Cost \$101,628.00 Fed. \$25,408.00 Local

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 6 (Continued)

Bridge

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Cumberland Co. B-5993 DIVISION	48148.2.1, STBG-0620(049) Replace Bridge #211 over Beaver Creek on Louise Street in Fayetteville. \$256,000.00 has previously been approved for right of way and utilities. Funds need to be decreased (\$227,228.00). Work associated with this WBS is complete. This WBS will be closed. This is a municipal bridge project.	(\$227,228.00) Cost (\$181,783.00) Fed. (\$45,445.00) Local
Cumberland Co. B-5993 DIVISION	48148.1.1, STBG-0620(049) Replace Bridge #211 over Beaver Creek on Louise Street in Fayetteville. \$60,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$8,410.00). Work associated with this WBS is complete. This WBS will be closed. This is a municipal bridge project.	(\$8,410.00) Cost (\$6,728.00) Fed. (\$1,682.00) Local

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 7

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Guilford Co. I-5736 STATEWIDE	52018.3.1, NHPP-0074(174) I-74 / US 311 from I-40 to SR 1300 (Green Road) in High Point. \$17,200,154.50 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$1,758,572.00 Cost \$1,406,719.00 Fed. \$351,853.00 State

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 8

Enhancement

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Moore Co. ER-5600HG DIVISION	46305.3.41, STBG-0211(042) Tree planting and landscaping in the medians of NC 211 and US 15 / US 501 in Pinehurst. \$122,150.00 has previously been approved for vegetation management. Funds need to be decreased (\$113,933.00). Work associated with this WBS is complete. This WBS will be closed.	(\$113,933.00) Cost (\$91,147.00) Fed. (\$22,786.00) State

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 9

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Forsyth Co. R-2247B REGIONAL	34409.2.21, NHF-0918(50) Winston-Salem Northern Beltway (Western Section) from south of I-40 to south of the US 421 Interchange. \$767,476.00 has previously been approved for right of way and utilities. Additional state funds are needed to cover expenditures that have or will exceed the previously authorized budget. This project is being withdrawn in the Federal system. Work associated with this WBS is complete. This WBS will be closed.	\$136,790.00 Cost (\$606,781.00) Fed. \$743,571.00 State

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 10

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Mecklenburg Co. U-0209B EXEMPT	34749.2.GV2, NHFSTP-0074(94) US 74 (Independence Boulevard) from NC 24 / NC 27 (Albemarle Road) to Idlewild Road in Charlotte. Additional state funds are needed to cover non-participating expenditures. This is a Strategic Transportation Investments (STI) transition project.	\$1,560,253.00 Cost \$1,560,253.00 State
Union Co. U-6087 DIVISION	47882.1.1, STBGDA-1003(170) SR 1346 (Potter Road) at SR 1162 (Wesley Chapel Road) in Wesley Chapel. \$158,000.00 has previously been approved for preliminary engineering. Additional funds are needed to align funding with the local agreement. State match for this request utilizes Spot Mobility funds.	\$42,000.00 Cost \$25,002.00 Fed. \$16,998.00 State
Union Co. U-6087 DIVISION	47882.2.1, STBGDA-1003(170) SR 1346 (Potter Road) at SR 1162 (Wesley Chapel Road) in Wesley Chapel. \$100,000.00 has previously been approved for right of way and utilities. Additional funds are needed to align funding with the local agreement. State match for this request utilizes Spot Mobility funds.	\$125,000.00 Cost \$73,750.00 Fed. \$51,250.00 State

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 12

Interstate

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Gaston Co. I-5893 STATEWIDE	46426.3.1, NHPIM-0085(025) Pavement rehabilitation along I-85 from Milemarker 14 to Milemarker 22 in Gaston County. \$9,119,286.95 has previously been approved for construction. Funds need to be decreased (\$1,104,607.32). Work associated with this WBS is complete. This WBS will be closed.	(\$1,104,607.00) Cost (\$883,686.00) Fed. (\$220,921.00) State

Urban

Catawba Co. U-4700A STATEWIDE	35993.2.GV6, NHP-0321(039) US 321 from US 70 in Hickory to US 321 Alternate (combined with: B-4450: Replace Bridge #367 over the Catawba River on US 321). This project no longer utilizes GARVEE BOND funds. \$57,889,481.00 has previously been approved for right of way and utilities. Funds need to be decreased (\$15,889,481.00) to remove GARVEE BOND funding.	(\$15,889,481.00) Cost (\$8,610,000.00) Fed. (\$7,279,481.00) State
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Bridge

Gaston Co. B-4753 EXEMPT	38525.2.1, BRSTP-2439(1) Replace Bridge #15 over Duhart's Creek on SR 2439 (Lowell Bethesda Road). \$259,000.00 has previously been approved for right of way and utilities. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$160,401.00 Cost \$128,320.00 Fed. \$32,081.00 State
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Bicycle and Pedestrian

Catawba Co. EB-5937 DIVISION	48178.2.1, STBGDA-1143(016) Book Walk Multi-Use Pathway from City Walk to Ridgeview Library in Hickory. Funds are needed for full right of way and utilities.	\$225,000.00 Cost \$180,000.00 Fed. \$45,000.00 Local
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**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 12 (Continued)

Bicycle and Pedestrian

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Catawba Co. EB-5938 DIVISION	48179.2.1, STBGDA-1143(015) Book Walk South Multi-Use Pathway from Ridgeview Library to Walmart in Hickory. Funds are needed for full right of way and utilities.	\$105,000.00 Cost \$84,000.00 Fed. \$21,000.00 Local
Gaston Co. EB-5768 DIVISION	51072.1.1, Federal No. 1213043 Sidewalks along South Marietta Street and Hilltop Drive in Gastonia. \$315,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$315,000.00). This project is being withdrawn in the Federal system. This WBS will be closed.	(\$315,000.00) Cost (\$252,000.00) Fed. (\$63,000.00) Local
Gaston Co. EB-5912 DIVISION	47578.1.1, Federal No. 1227013 Sidewalks along SR 2044 (Tuckasee Road) in Mount Holly. \$287,500.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$287,500.00). This project is being withdrawn in the Federal system. This WBS will be closed.	(\$287,500.00) Cost (\$230,000.00) Fed. (\$57,500.00) Local
Gaston Co. EB-5975 DIVISION	48522.1.1, Federal No. 1213044 NC 279 (New Hope Road) from US 29 / US 74 (Franklin Boulevard) to Hunt Avenue in Gastonia. \$516,250.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$516,250.00). This project is being withdrawn in the Federal system. This WBS will be closed.	(\$516,250.00) Cost (\$413,000.00) Fed. (\$103,250.00) Local
Gaston Co. EB-5976 DIVISION	48523.1.1, Federal No. 1213045 SR 2200 (Cox Road) from I-85 to Court Drive in Gastonia. \$350,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$350,000.00). This project is being withdrawn in the Federal system. This WBS will be closed.	(\$350,000.00) Cost (\$280,000.00) Fed. (\$70,000.00) Local

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 13

Urban

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Burke Co. U-6057 EXEMPT	47412.1.1, APD-1302(084) Connector Road from NC 18 (South Sterling Street) to West Parker Road in Morganton. \$30,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$28,237.00) to align funding with the Appalachian Regional Commission (ARC) award. Work associated with this WBS is complete. This WBS will be closed. This is an Appalachian Development project.	(\$28,237.00) Cost (\$28,237.00) Fed.
Burke Co. U-6057 EXEMPT	47412.3.1, APD-1302(084) Connector Road from NC 18 (South Sterling Street) to West Parker Road in Morganton. \$1,375,000.00 has previously been approved for construction. Funds need to be decreased (\$1,763.00) to align funding with the Appalachian Regional Commission (ARC) award. This is an Appalachian Development project.	(\$1,763.00) Cost (\$1,763.00) Fed.

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Division 14

Rural

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Divisionwide R-5803 REGIONAL	44999.1.1, NHP-0074(196) Shoulder improvements along US 74 in Cherokee, Macon and Swain Counties. \$1,444,000.00 has previously been approved for preliminary engineering. Funds need to be decreased (\$823,455.00). This project is being withdrawn in the Federal system. This WBS will be closed.	(\$823,455.00) Cost (\$1,156,000.00) Fed. \$332,545.00 State
Haywood Co. R-4047 EXEMPT	34599.2.FR1, STP-0209(6) NC 209 from US 23 Business to north of SR 1523 (Old Clyde Road). \$23,788,410.00 has previously been approved for construction. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget. Work associated with this WBS is complete. This WBS will be closed. This is a Strategic Transportation Investments (STI) transition project.	\$105,218.00 Cost \$84,175.00 Fed. \$21,043.00 State

**NCDOT January 2021 Board of Transportation Agenda
Approval of Funds for Specific Federal - Aid Projects**

Statewide

Rail Program

Town/ County/PROJ CATEGORY	Project Description	Estimated Cost
Statewide RX-2100 DIVISION	49351.1.1, Federal No. 2100002 Inventory and Data Analysis for rail crossing safety projects across North Carolina. Funds are needed for preliminary engineering.	\$500,000.00 Cost \$450,000.00 Fed. \$50,000.00 State
Statewide Y-5500 DIVISION	45533.1.FS1, RR-000S(773) Traffic Separation Study for the evaluation, design, and implementation of rail crossing closures across North Carolina. \$2,374,056.05 has previously been approved for preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$100,000.00 Cost \$90,000.00 Fed. \$10,000.00 State
Statewide Z-5800 DIVISION	44806.1.1, RR-00SS(024) Preliminary Engineering for rail crossing safety improvement projects across North Carolina. \$800,000.00 has previously been approved for statewide preliminary engineering. Additional funds are needed to cover expenditures that have or will exceed the previously authorized budget.	\$450,000.00 Cost \$405,000.00 Fed. \$45,000.00 State

ITEM M SUMMARY - 42 PROJECT(S) - (TOTAL FEDERAL AND STATE) \$72,939,886.00

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 6

* BL-0004	PEMBROKE, CONSTRUCT BICYCLE AND PEDESTRIAN	ENGINEERING	FY 2022 -	\$120,000	(O)
ROBESON	PATHS ADJACENT TO NC 711, COLLEGE STREET, AND	CONSTRUCTION	FY 2023 -	\$1,037,000	(O)
PROJ.CATEGORY	RAILROAD STREET IN PEMBROKE.		FY 2024 -	\$346,000	(O)
EXEMPT	<u>PROJECT ADDED AT REQUEST OF THE TOWN DUE TO</u>				
	<u>AWARD OF FEDERAL BUILD GRANT (REPRESENTED</u>				
	<u>BY 'O' FUNDS).</u>			\$1,503,000	

* HL-0009	NC 711, INSTALLATION OF TWO-WAY LEFT TURN	CONSTRUCTION	FY 2022 -	\$250,000	(HF)
ROBESON	LANES (TWLTL) AND RELATED IMPROVEMENTS ALONG		FY 2022 -	\$2,201,000	(O)
PROJ.CATEGORY	NC 711 FROM VANCE STREET TO JONES STREET IN		FY 2022 -	\$798,000	(L)
EXEMPT	PEMBROKE.		FY 2023 -	\$271,000	(O)
	<u>PROJECT ADDED AT REQUEST OF THE TOWN DUE TO</u>				
	<u>AWARD OF FEDERAL BUILD GRANT (REPRESENTED</u>				
	<u>BY 'O' FUNDS).</u>			\$3,520,000	

* HL-0010	PEMBROKE, IMPROVEMENTS TO SR 1563 (UNION	ENGINEERING	FY 2022 -	\$70,000	(O)
ROBESON	CHAPEL ROAD) AND MAIN STREET IN PEMBROKE.	CONSTRUCTION	FY 2023 -	\$633,000	(O)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF THE TOWN DUE TO</u>		FY 2023 -	\$224,000	(L)
EXEMPT	<u>AWARD OF FEDERAL BUILD GRANT (REPRESENTED</u>		FY 2024 -	\$212,000	(O)
	<u>BY 'O' FUNDS).</u>		FY 2024 -	\$88,000	(L)
				\$1,227,000	

* HL-0011	VARIOUS ROUTES, CROSS-PHASE INFRASTRUCTURE	CONSTRUCTION	FY 2023 -	\$278,000	(O)
ROBESON	IMPROVEMENTS INCLUDING NEW TECHNOLOGY		FY 2023 -	\$67,000	(L)
PROJ.CATEGORY	INSTALLATIONS, STORMWATER IMPROVEMENTS, AND		FY 2024 -	\$93,000	(O)
EXEMPT	WAYFINDING IN PEMBROKE.			\$438,000	
	<u>PROJECT ADDED AT REQUEST OF THE TOWN DUE TO</u>				
	<u>AWARD OF FEDERAL BUILD GRANT (REPRESENTED</u>				
	<u>BY 'O' FUNDS).</u>				

DIVISION 13

* BL-0005	NC 251/ SR 1781 (BROADWAY STREET), CONSTRUCT	ENGINEERING	FY 2022 -	\$51,000	(BGDA)
BUNCOMBE	PEDESTRIAN IMPROVEMENTS FROM US 19/23		FY 2022 -	\$13,000	(S(M))
PROJ.CATEGORY	NORTHBOUND EXIT RAMP TO NORTH OF SR 1477	CONSTRUCTION	FY 2022 -	\$259,000	(BGDA)
EXEMPT	(RIVERSIDE DRIVE).		FY 2022 -	\$65,000	(S(M))
	<u>PROJECT ADDED AT REQUEST OF MPO.</u>			\$388,000	

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 13

* BL-0006	VARIOUS, CONSTRUCT PEDESTRIAN IMPROVEMENTS	ENGINEERING	FY 2022 -	\$60,000	(BGDA)
BUNCOMBE	AT VARIOUS LOCATIONS WITHIN THE CITY OF		FY 2022 -	\$15,000	(L)
PROJ.CATEGORY	ASHEVILLE (PRIMARILY WITHIN SCHOOL ZONES).	CONSTRUCTION	FY 2025 -	\$600,000	(BGDA)
DIVISION	<u>PROJECT ADDED AT REQUEST OF MPO.</u>		FY 2025 -	\$150,000	(L)
				\$825,000	
* HL-0003	US 19/23 BUSINESS (HAYWOOD ROAD), UPGRADE	CONSTRUCTION	FY 2022 -	\$1,450,000	(BGANY)
BUNCOMBE	ROADWAY (INCLUDING RESURFACING AND		FY 2022 -	\$1,057,000	(BGDA)
PROJ.CATEGORY	PEDESTRIAN IMPROVEMENTS) FROM US 19/23/74		FY 2022 -	\$2,710,000	(S(M))
REGIONAL	(PATTON AVENUE) TO RIDGELAWN ROAD.		FY 2023 -	\$1,450,000	(BGANY)
	<u>PROJECT ADDED AT REQUEST OF MPO.</u>		FY 2023 -	\$1,057,000	(BGDA)
				\$7,724,000	
* HL-0012	I-240, US 70 (CHARLOTTE STREET) INTERSECTIONS.	ENGINEERING	FY 2020 -	\$100,000	(HF)
BUNCOMBE	CONSTRUCT PEDESTRIAN IMPROVEMENTS AND A	RIGHT-OF-WAY	FY 2020 -	\$64,000	(HF)
PROJ.CATEGORY	RIGHT TURN LANE ON THE I-240 EASTBOUND OFF-	CONSTRUCTION	FY 2022 -	\$668,000	(BGDA)
EXEMPT	RAMP.		FY 2022 -	\$570,000	(S(M))
	<u>PROJECT ADDED AT REQUEST OF MPO.</u>			\$1,402,000	
* HL-0013	9TH STREET, REPLACE BRIDGE 100522 OVER	CONSTRUCTION	FY 2022 -	\$544,000	(BGDA)
BUNCOMBE	TOMAHAWK BRANCH IN BLACK MOUNTAIN.		FY 2022 -	\$136,000	(L)
PROJ.CATEGORY	<u>PROJECT ADDED AT REQUEST OF MPO.</u>			\$680,000	
DIVISION					
* HL-0014	SR 3214 (BILTMORE AVENUE), WHITE FAWN DRIVE	ENGINEERING	FY 2022 -	\$32,000	(BGDA)
BUNCOMBE	INTERSECTION. INSTALL A TRAFFIC SIGNAL AND		FY 2022 -	\$8,000	(L)
PROJ.CATEGORY	CONSTRUCT PEDESTRIAN IMPROVEMENTS.	CONSTRUCTION	FY 2022 -	\$320,000	(BGDA)
DIVISION	<u>PROJECT ADDED AT REQUEST OF MPO.</u>		FY 2022 -	\$80,000	(L)
				\$440,000	

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM STIP ADDITIONS

DIVISION 14

* BL-0007A HENDERSON PROJ.CATEGORY DIVISION	ECUSTA RAIL-TRAIL, KANUGA ROAD TO 5TH AVENUE WEST <u>PROJECT ADDED AT REQUEST OF MPO.</u>	ENGINEERING CONSTRUCTION	FY 2022 - FY 2022 - FY 2023 - FY 2023 -	\$150,000 \$37,000 \$993,000 \$248,000	(BGDA) (L) (BGDA) (L)
				\$1,428,000	

* BL-0007B HENDERSON PROJ.CATEGORY DIVISION	ECUSTA RAIL-TRAIL, 5TH AVENUE WEST TO LANDIA DRIVE <u>PROJECT ADDED AT REQUEST OF MPO.</u>	ENGINEERING CONSTRUCTION	FY 2022 - FY 2022 - FY 2023 - FY 2023 -	\$181,000 \$45,000 \$1,337,000 \$334,000	(BGDA) (L) (BGDA) (L)
				\$1,897,000	

* BL-0007C HENDERSON PROJ.CATEGORY DIVISION	ECUSTA RAIL-TRAIL, LANDIA DRIVE TO INTERSECTION OF US 64/BATTLE CREEK <u>PROJECT ADDED AT REQUEST OF MPO.</u>	ENGINEERING CONSTRUCTION	FY 2022 - FY 2022 - FY 2023 - FY 2023 -	\$274,000 \$69,000 \$2,140,000 \$535,000	(BGDA) (L) (BGDA) (L)
				\$3,018,000	

* BL-0008 HENDERSON PROJ.CATEGORY DIVISION	CLEAR CREEK GREENWAY/ HENDERSONVILLE, CONSTRUCT MULTI-USE PATH FROM BERKELEY MILLS PARK TO LAKEWOOD ROAD. <u>PROJECT ADDED AT REQUEST OF MPO.</u>	ENGINEERING RIGHT-OF-WAY CONSTRUCTION	FY 2022 - FY 2022 - FY 2023 - FY 2023 - FY 2024 - FY 2024 -	\$154,000 \$39,000 \$78,000 \$20,000 \$1,455,000 \$364,000	(BGDA) (L) (BGDA) (L) (BGDA) (L)
				\$2,110,000	

STATEWIDE

* TM-0024 STATEWIDE PROJ.CATEGORY	AIM GRANT OPPORTUNITY FROM THE FTA. DISCRETIONARY GRANT AWARDED BY FTA. THIS WILL ALLOW THE CITY TO EXPAND SERVICE AND HOURS <u>ADD PROJECT AT THE REQUEST OF INTEGRATED MOBILITY DIVISION NCDOT. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD.</u>	OPERATIONS	2021 2021	\$250,000 \$63,000	(5312) (L)
				\$313,000	

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM STIP ADDITIONS

STATEWIDE

* TO-0003	HUMAN TRAFFICKING AWARENESS AND PUBLIC	ADMINISTRATIVE	2021	\$90,000	(5312)
STATEWIDE	SAFETY INITIATIVE DISCRETIONARY GRANT AWARDED		2021	\$30,000	(5307)
PROJ.CATEGORY	BY FTA. GRANT WILL ALLOW FOR STATEWIDE			\$120,000	

TRAINING AND IMPLEMENTATION OF A TRAINING PROGRAM FOR TRANSIT EMPLOYEES ACROSS THE STATE ON HOW TO RECOGNIZE AND RESPOND TO THE SIGNS OF HUMAN TRAFFICKING. THE DEPARTMENT ALSO WILL DEVELOP HUMAN TRAFFICKING AWARENESS EDUCATIONAL MATERIALS TO BE POSTED ON TRANSIT VEHICLES AND STATIONS.

ADD PROJECT AT THE REQUEST OF INTEGRATED MOBILITY DIVISION NCDOT. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD.

* TO-0004	SYSTEM SAFETY OVERSIGHT GRANT FOR NCDOT RAIL	ADMINISTRATIVE	2021	\$88,000	(S)
STATEWIDE	DIVISION.		2021	\$352,000	(SSO)
PROJ.CATEGORY				\$440,000	

ADD PROJECT AT THE REQUEST OF INTEGRATED MOBILITY DIVISION NCDOT. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD FOR SYSTEM SAFETY OVERSIGHT.

* TU-0003	H.O.P.E GRANT OPPORTUNITY FROM THE FTA.	PLANNING	2021	\$122,000	(5312)
STATEWIDE	DISCRETIONARY GRANT AWARDED BY FTA. PLANNING			\$122,000	
PROJ.CATEGORY	AND DESIGN IN PREPARATION FOR ELECTRIC VEHICLE DEPLOYMENT.				

ADD PROJECT AT THE REQUEST OF INTEGRATED MOBILITY DIVISION NCDOT. NEW PROJECT DEVELOPED FOR FEDERAL FUNDING AWARD.

STIP MODIFICATIONS

DIVISION 3

AV-5823	CLINTON SAMPSON COUNTY AIRPORT (CTZ),	CONSTRUCTION	FY 2025 -	\$1,904,000	(T)
SAMPSON	OVERLAY RUNWAY TO ACCOMMODATE LARGER			\$1,904,000	
PROJ.CATEGORY	AIRCRAFT.				

AT REQUEST OF THE DIVISION OF AVIATION, DELAY CONSTRUCTION FROM FY 22 TO FY 25.

* EB-6034	SR 1144 (FIRST STREET), CONSTRUCTION OF BIKE	CONSTRUCTION	FY 2021 -	\$473,000	(BGDA)
BRUNSWICK	LANES ON BOTH SIDES OF FIRST STREET FROM		FY 2021 -	\$315,000	(L)
PROJ.CATEGORY	RALEIGH STREET TO BEAUFORT STREET IN OCEAN			\$788,000	
DIVISION	ISLE BEACH.				

ACCELERATE CONSTRUCTION FROM FY 22 TO FY 21 SO PROJECT CAN BE COMPLETED UNDER BRUNSWICK COUNTY RESURFACING PACKAGE. DELETE RIGHT-OF-WAY FROM FY 21.

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 3

* U-4906	SR 1308 (GUM BRANCH ROAD), WEST OF SR 1313	CONSTRUCTION	FY 2022 -	\$11,500,000	(BGANY)
ON SLOW	(MILLS FIELDS ROAD) TO EAST OF SR 1324 (RAMSEY			\$11,500,000	
PROJ.CATEGORY	ROAD) IN JACKSONVILLE. WIDENING.				
TRANSITION	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>				

U-6202	SR 2048 (GORDON ROAD), US 17 (MARKET STREET) TO	BUILD NC ROW	FY 2022 -	\$858,000	(T)
NEW HANOVER	I-40. WIDEN ROADWAY.		FY 2023 -	\$858,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>		FY 2024 -	\$858,000	(T)
DIVISION			FY 2025 -	\$858,000	(T)
			FY 2026 -	\$858,000	(T)
			FY 2027 -	\$858,000	(T)
			FY 2028 -	\$858,000	(T)
			FY 2029 -	\$858,000	(T)
			POST YR-	\$6,006,000	(T)
		RIGHT-OF-WAY	FY 2022 -	\$2,309,000	(T)
			FY 2023 -	\$2,309,000	(T)
		UTILITIES	FY 2022 -	\$2,321,000	(T)
			FY 2023 -	\$2,322,000	(T)
		BUILD NC CON	FY 2024 -	\$1,287,000	(T)
			FY 2025 -	\$1,287,000	(T)
			FY 2026 -	\$1,287,000	(T)
			FY 2027 -	\$1,287,000	(T)
			FY 2028 -	\$1,287,000	(T)
			FY 2029 -	\$1,287,000	(T)
			POST YR-	\$11,583,000	(T)
		CONSTRUCTION	FY 2024 -	\$5,100,000	(T)
			FY 2025 -	\$5,100,000	(T)
				\$51,636,000	

DIVISION 4

AV-5811	MOUNT OLIVE MUNICIPAL AIRPORT (W40), EXTEND	CONSTRUCTION	FY 2029 -	\$603,000	(T)
WAYNE	RUNWAY TO 5500 FEET.			\$603,000	
PROJ.CATEGORY	<u>AT REQUEST OF THE DIVISION OF AVIATION, DELAY CONSTRUCTION FROM FY 23 TO FY 29.</u>				
DIVISION					

* I-5936	I-95, JOHNSTON COUNTY LINE (MILE MARKER 108.2)	CONSTRUCTION	FY 2026 -	\$5,100,000	(NHPIM)
WILSON	TO NORTH OF SR 1116 (GOVERNOR HUNT ROAD)			\$5,100,000	
PROJ.CATEGORY	(MILE MARKER 114.5). PAVEMENT REHABILITATION.				
STATEWIDE	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>				

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 4

* U-6223	SR 1560 (RANCH ROAD EXTENSION), US 70	RIGHT-OF-WAY	FY 2021 -	\$434,000	(S)
JOHNSTON	BUSINESS/NC 42 TO SR 1560 (RANCH ROAD) IN		FY 2021 -	\$1,735,000	(BGDA)
PROJ.CATEGORY	CLAYTON. NEW LOCATION EXTENSION OF RANCH	CONSTRUCTION	FY 2022 -	\$1,250,000	(S)
DIVISION	ROAD.		FY 2022 -	\$5,000,000	(BGDA)
				<u>\$8,419,000</u>	
	<u>ACCELERATE RIGHT-OF-WAY FROM FY 23 TO FY 21</u>				
	<u>AND CONSTRUCTION FROM FY 24 TO FY 22 AT</u>				
	<u>REQUEST OF THE DIVISION AND THE TOWN.</u>				

DIVISION 5

AV-5818	PERSON COUNTY EXECUTIVE AIRPORT (TDF), EXTEND	CONSTRUCTION	FY 2029 -	\$5,615,000	(T)
PERSON	RUNWAY TO TOTAL LENGTH OF 7000 FT, CONSTRUCT		POST YR-	\$5,615,000	(T)
PROJ.CATEGORY	TAXIWAY EXTENSION AND RELOCATE SR 1311 (CATES			<u>\$11,230,000</u>	
DIVISION	MILL ROAD).				
	<u>TO ASSIST IN BALANCING FUNDS, DELAY</u>				
	<u>CONSTRUCTION FROM FY 21 TO FY 29 (NOTE:</u>				
	<u>CORRECTION TO OCTOBER 2020 ITEM N)</u>				

AV-5819	TRIANGLE NORTH EXECUTIVE AIRPORT (LHZ),	RIGHT-OF-WAY	FY 2027 -	\$530,000	(T)
FRANKLIN	CONSTRUCT RUNWAY EXTENSION, TO INCLUDE	CONSTRUCTION	FY 2029 -	\$3,890,000	(T)
PROJ.CATEGORY	RELOCATION OF UTILITIES, NAVAID AND ROADWAYS.		POST YR-	\$7,780,000	(T)
DIVISION				<u>\$12,200,000</u>	
	<u>TO ASSIST IN BALANCING FUNDS, DELAY RIGHT OF</u>				
	<u>WAY FROM FY 21 TO FY 27 AND CONSTRUCTION</u>				
	<u>FROM FY 22 TO FY 29 (NOTE: CORRECTION TO</u>				
	<u>OCTOBER 2020 ITEM N)</u>				

* HL-0006	US 401, SR 1393 (HILLTOP-NEEDMORE ROAD) / SR 2751	RIGHT-OF-WAY	FY 2024 -	\$3,000,000	(NHPBA)
WAKE	(HILLTOP ROAD) / SR 2752 (AIR PARK ROAD)	UTILITIES	FY 2024 -	\$1,000,000	(NHPBA)
PROJ.CATEGORY	INTERSECTION AND SR 1375 (LAKE WHEELER ROAD)	CONSTRUCTION	FY 2025 -	\$13,000,000	(NHPBA)
EXEMPT	INTERSECTION IN FUQUAY-VARINA. CONVERT TO			<u>\$17,000,000</u>	
	REDUCED-CONFLICT INTERSECTIONS AND REALIGN				
	SR 2751 TO INTERSECT OPPOSITE SR 1375.				
	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>				
	<u>THRESHOLDS.</u>				

* HS-2005A	SR 1602 (MAIN STREET), SR 1207 (SPRING STREET)	CONSTRUCTION	FY 2021 -	\$100,000	(HSIP)
GRANVILLE	INTERSECTION IN OXFORD. CONSTRUCT MINI-			<u>\$100,000</u>	
PROJ.CATEGORY	ROUNDBOUT.				
DIVISION	<u>NEW PROJECT BREAK ADDED AT REQUEST OF</u>				
	<u>TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>				

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 5

* P-5737	CSX S LINE, SR 2108 (MILLBROOK ROAD) IN RALEIGH.	RIGHT-OF-WAY	FY 2021 -	\$3,700,000	(T)
WAKE	CONSTRUCT GRADE SEPARATION AND CLOSE	CONSTRUCTION	FY 2021 -	\$10,000,000	(DP)
PROJ.CATEGORY	CROSSING 630605A.		FY 2021 -	\$3,620,000	(T)
STATEWIDE			FY 2021 -	\$510,000	(O)
				\$17,830,000	

COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS. "DP" FUNDING REFLECTS CONSOLIDATED RAIL INFRASTRUCTURE AND SAFETY IMPROVEMENTS (CRISI) PROGRAM AWARD: "O" FUNDING REFLECTS PARTICIPATION BY CSX CORPORATION.

U-5746	US 401, SR 1467 / SR 2839 (ALLEN STREET) TO SR 1010 (TEN-TEN ROAD). ADD LANES.	CONSTRUCTION	FY 2022 -	\$3,800,000	(T)
WAKE				\$3,800,000	
PROJ.CATEGORY	<u>TO ALLOW ADDITIONAL TIME FOR RIGHT OF WAY ACQUISITION AND UTILITY RELOCATION DELAY CONSTRUCTION FROM FY 21 TO 22.</u>				
REGIONAL					

* U-5751	US 401, NC 55 / NC 42 IN FUQUAY-VARINA. IMPROVE US 401 INTERSECTION WITH NC 55 / NC 42. PROJECT WILL INCLUDE IMPROVEMENTS TO NC 55 INTERSECTION WITH NC 42, AND CONSTRUCTION OF CONNECTOR FROM NC 55 TO SR 5056 (JUDD PARKWAY).	RIGHT-OF-WAY	FY 2029 -	\$8,674,000	(T)
WAKE			POST YR-	\$26,022,000	(T)
PROJ.CATEGORY		UTILITIES	FY 2029 -	\$624,000	(T)
REGIONAL		CONSTRUCTION	POST YR-	\$18,500,000	(T)
				\$53,820,000	

COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.

DIVISION 6

I-5987C	I-95, GAUGE INSTALLATION, MODELING / HYDRAULIC STUDIES, AND STRESS TESTING ALONG CORRIDOR.	CONSTRUCTION	FY 2023 -	\$65,000	(T)
ROBESON			FY 2023 -	\$250,000	(O)
PROJ.CATEGORY	<u>PROJECT BREAK ADDED AT REQUEST OF THE HYDRAULICS UNIT. 'O' FUNDS REPRESENT FEDERAL BUILD GRANT FUNDS.</u>			\$315,000	
REGIONAL					

* I-6064B	I-95, CARTHAGE ROAD (EXIT 19) TO US 301 (FAYETTEVILLE ROAD, EXIT 22). WIDEN ROADWAY.	RIGHT-OF-WAY	FY 2021 -	\$7,429,000	(T)
ROBESON		UTILITIES	FY 2021 -	\$3,623,000	(T)
PROJ.CATEGORY	<u>MODIFY PROJECT FUNDING FROM FEDERAL TO STATE FUNDS.</u>	CONSTRUCTION	FY 2021 -	\$3,615,000	(T)
STATEWIDE			FY 2022 -	\$34,342,000	(T)
			FY 2023 -	\$34,343,000	(T)
				\$83,352,000	

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 6

I-6064D	I-95, GAUGE INSTALLATION, MODELING / HYDRAULIC	CONSTRUCTION	2023	\$65,000	(T)
ROBESON	STUDIES, AND STRESS TESTING ALONG CORRIDOR.		2023	<u>\$250,000</u>	(O)
PROJ.CATEGORY	<u>PROJECT BREAK ADDED AT REQUEST OF THE</u>				
STATEWIDE	<u>HYDRAULICS UNIT. 'O' FUNDS REPRESENT FEDERAL</u>			\$315,000	
	<u>BUILD GRANT FUNDS.</u>				

U-5798B	SR 1102 (GILLIS HILL ROAD), FROM SR 1418 (LINDSAY	RIGHT-OF-WAY	FY 2023 -	\$1,851,000	(T)
CUMBERLAND	ROAD) TO NORTH OF SR 1112 (STONE POINT ROAD).	UTILITIES	FY 2023 -	\$154,000	(T)
PROJ.CATEGORY	WIDEN TO MULTI-LANES.	BUILD NC CON	FY 2025 -	\$429,000	(T)
DIVISION	<u>TO MORE CLOSELY ALIGN RIGHT-OF-WAY WITH LET</u>		FY 2026 -	\$429,000	(T)
	<u>DATE, DELAY RIGHT-OF-WAY FROM FY 21 TO FY 23.</u>		FY 2027 -	\$429,000	(T)
			FY 2028 -	\$429,000	(T)
			FY 2029 -	\$429,000	(T)
			POST YR-	\$4,290,000	(T)
		CONSTRUCTION	FY 2025 -	<u>\$5,300,000</u>	(T)
				\$13,740,000	

DIVISION 7

* I-3306A	I-40, I-85 TO DURHAM COUNTY LINE. NC 86	RIGHT-OF-WAY	FY 2021 -	\$9,391,000	(NHP)
ORANGE	INTERCHANGE IMPROVEMENTS	UTILITIES	FY 2021 -	\$628,000	(NHP)
PROJ.CATEGORY	<u>ADD SEGMENT "A" TO REPLACE SEGMENTS AA, AB</u>	GARVEE CON	FY 2021 -	\$9,266,000	(NHP)
STATEWIDE	<u>AND AC AND COMBINE FUNDING TO FACILITATE</u>		FY 2022 -	\$9,266,000	(NHP)
	<u>PROJECT DELIVERY. COST INCREASE EXCEEDING \$2</u>		FY 2023 -	\$9,266,000	(NHP)
	<u>MILLION AND 25% THRESHOLDS.</u>		FY 2024 -	\$9,266,000	(NHP)
			FY 2025 -	\$9,266,000	(NHP)
			FY 2026 -	\$9,266,000	(NHP)
			FY 2027 -	\$9,266,000	(NHP)
			FY 2028 -	\$9,266,000	(NHP)
			FY 2029 -	\$9,266,000	(NHP)
			POST YR-	\$55,596,000	(NHP)
		CONSTRUCTION	FY 2021 -	\$31,600,000	(NHP)
			FY 2021 -	<u>\$36,000,000</u>	(S(M))
				\$216,609,000	

* I-3306AA	I-40, I-85 TO NC 86
ORANGE	<u>DELETE SEGMENT AA; WORK TO BE ACCOMPLISHED</u>
PROJ.CATEGORY	<u>UNDER I-3306A.</u>
STATEWIDE	

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 7

* I-3306AB ORANGE PROJ.CATEGORY STATEWIDE	I-40, NC 86 TO DURHAM COUNTY LINE <u>DELETE SEGMENT AB; WORK TO BE ACCOMPLISHED UNDER I-3306A.</u>				
* I-3306AC ORANGE PROJ.CATEGORY REGIONAL	I-40, NC 86 INTERCHANGE IMPROVEMENTS <u>DELETE SEGMENT AC; WORK TO BE ACCOMPLISHED UNDER I-3306A.</u>				
* I-5949 GUILFORD RANDOLPH PROJ.CATEGORY STATEWIDE	I-74 / US 311, US 29 / US 70 / BUSINESS 85 IN GUILFORD COUNTY TO SR 1928 (CEDAR SQUARE ROAD) IN RANDOLPH COUNTY. PAVEMENT REHABILITATION. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2027 -	<u>\$9,700,000</u> \$9,700,000	(NHPIM)
P-5713 GUILFORD PROJ.CATEGORY STATEWIDE	NORTH CAROLINA RAILROAD (NCRR) / NORFOLK SOUTHERN RAILROAD, SR 1424 (HILLTOP ROAD) IN GREENSBORO. CONVERT AT-GRADE CROSSING TO GRADE SEPARATION. <u>TO ASSIST IN BALANCING FUNDS, DELAY RIGHT-OF- WAY FROM FY 21 TO 23 AND CONSTRUCTION FROM FY 22 TO FY 25. "O" FUNDING REFLECTS PARTICIPATION BY NORFOLK SOUTHERN CORPORATION.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2023 - FY 2025 - FY 2025 - FY 2026 -	<u>\$916,000</u> \$2,668,000 \$267,000 <u>\$2,667,000</u> \$6,518,000	(T) (T) (O) (T)
Y-4807B GUILFORD PROJ.CATEGORY DIVISION	LOWDERMILK STREET SYKES AVENUE, PINE STREET CROSSING CLOSURE AND LOWDERMILK STREET / SYKES AVENUE REALIGNMENT IN GREENSBORO. <u>BASED ON PRIORITY NEEDS, ACCELERATE CONSTRUCTION FROM FY 22 TO FY 21. "O" FUNDING REFLECTS FREIGHT RAIL AND RAIL CROSSING SAFETY IMPROVEMENT (FRRCSI) FUNDS.</u>	CONSTRUCTION	FY 2021 - FY 2021 -	<u>\$1,450,000</u> <u>\$1,100,000</u> \$2,550,000	(RR) (O)

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 8

* I-5947A MONTGOMERY PROJ.CATEGORY STATEWIDE	I-73/74, MONTGOMERY COUNTY LINE TO NC 211. PAVEMENT REHABILITATION. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2023 -	<u>\$11,400,000</u> \$11,400,000	(BGIM)
* I-5947C MONTGOMERY PROJ.CATEGORY STATEWIDE	I-73/74, NC 24/27 TO RANDOLPH COUNTY LINE. PAVEMENT REHABILITATION. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2023 -	<u>\$9,700,000</u> \$9,700,000	(BGIM)
* I-5948 RANDOLPH PROJ.CATEGORY STATEWIDE	I-73 / I-74 / US 220, MONTGOMERY COUNTY LINE TO NORTH OF SR 1462 (PARK DRIVE) IN ASHEBORO. PAVEMENT REHABILITATION. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2027 - FY 2028 -	\$8,500,000 <u>\$8,500,000</u> \$17,000,000	(NHPIM) (NHPIM)
R-5930 CHATHAM PROJ.CATEGORY DIVISION	NEW ROUTE, COUNTRY ROUTT BROWN ROAD TO US 15 / US 501. CONSTRUCT 2-LANE ROADWAY ON NEW LOCATION. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS. "O" FUNDING REFLECTS LOCAL PARTICIPATION.</u>	RIGHT-OF-WAY UTILITIES CONSTRUCTION	FY 2022 - FY 2022 - FY 2023 - FY 2023 - FY 2024 -	\$2,071,000 \$100,000 <u>\$9,600,000</u> <u>\$9,000,000</u> <u>\$9,600,000</u> \$30,371,000	(T) (T) (T) (O) (T)
U-5814 MOORE PROJ.CATEGORY REGIONAL	US 15 / US 501 / NC 211, US 1 (SANDHILLS BOULEVARD) IN ABERDEEN TO BRUCEWOOD ROAD IN SOUTHERN PINES. ACCESS MANAGEMENT IMPROVEMENTS. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2025 - FY 2026 -	\$7,350,000 <u>\$7,350,000</u> \$14,700,000	(T) (T)
U-5815B MOORE PROJ.CATEGORY REGIONAL	US 1 (SANDHILLS BOULEVARD), KNIGHT STREET IN ABERDEEN TO OLD US 1 IN SOUTHERN PINES, SR 1112 (ROSELAND ROAD) REALIGNMENT AT US1, IMPROVE RADII AT US 15 / US 501. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2025 - FY 2026 -	\$12,550,000 <u>\$12,550,000</u> \$25,100,000	(T) (T)

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 9

R-5737	US 29 / US 70 / BUSINESS 85, SR 1798 (OLD GREENSBORO ROAD). CONVERT AT-GRADE INTERSECTION TO INTERCHANGE.	CONSTRUCTION	FY 2022 -	\$9,167,000	(T)
DAVIDSON			FY 2023 -	\$9,167,000	(T)
PROJ.CATEGORY			FY 2024 -	\$9,166,000	(T)
DIVISION				<u>\$27,500,000</u>	

TO ALLOW ADDITIONAL TIME FOR RIGHT-OF-WAY AND UTILITIES, DELAY CONSTRUCTION FROM FY 21 TO FY 22.

U-2729	SR 1672 (HANES MILL ROAD), MUSEUM DRIVE TO SR 4000 (UNIVERSITY PARKWAY) IN WINSTON-SALEM. WIDEN TO MULTI-LANES.	ENGINEERING	FY 2020 -	\$78,000	(T)
FORSYTH			FY 2021 -	\$78,000	(T)
PROJ.CATEGORY			FY 2022 -	\$78,000	(T)
DIVISION			FY 2023 -	\$78,000	(T)
			FY 2024 -	\$78,000	(T)
			FY 2025 -	\$78,000	(T)
			FY 2026 -	\$78,000	(T)
			FY 2027 -	\$78,000	(T)
			FY 2028 -	\$78,000	(T)
			FY 2029 -	\$78,000	(T)
			POST YR-	\$391,000	(T)
		BUILD NC ROW	FY 2020 -	\$49,000	(T)
			FY 2021 -	\$49,000	(T)
			FY 2022 -	\$49,000	(T)
			FY 2023 -	\$49,000	(T)
			FY 2024 -	\$49,000	(T)
			FY 2025 -	\$49,000	(T)
			FY 2026 -	\$49,000	(T)
			FY 2027 -	\$49,000	(T)
			FY 2028 -	\$49,000	(T)
			FY 2029 -	\$49,000	(T)
			POST YR-	\$191,000	(T)
		CONSTRUCTION	FY 2022 -	\$7,750,000	(T)
			FY 2023 -	\$7,750,000	(T)
				<u>\$17,352,000</u>	

COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.

DIVISION 10

AV-5879	CHARLOTTE DOUGLAS INTERNATIONAL AIRPORT (CLT), CONSTRUCT FOURTH PARALLEL RUNWAY.	CONSTRUCTION	FY 2024 -	\$500,000	(T)
MECKLENBURG			FY 2024 -	\$607,000,000	(O)
PROJ.CATEGORY				<u>\$607,500,000</u>	
STATEWIDE					

TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 22 TO FY 24. OTHER FUNDS PROVIDED BY CHARLOTTE DOUGLAS INTERNATIONAL AIRPORT.

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 10

AV-5893 MECKLENBURG PROJ.CATEGORY REGIONAL	CHARLOTTE DOUGLAS INTERNATIONAL AIRPORT (CLT), EXPAND CONCOURSE A (PHASE II). <u>TO ALLOW ADDITIONAL TIME FOR PLANNING AND DESIGN, DELAY CONSTRUCTION FROM FY 20 TO FY 25. OTHER FUNDS PROVIDED BY CHARLOTTE DOUGLAS INTERNATIONAL AIRPORT.</u>	CONSTRUCTION	FY 2025 -	\$500,000	(T)
			FY 2025 -	<u>\$202,000,000</u>	(O)
				\$202,500,000	
* B-5811 STANLY PROJ.CATEGORY DIVISION	SR 1434 (ROGERS ROAD), REPLACE BRIDGE 830042 OVER BIG BEAR CREEK. <u>TO ASSIST IN BALANCING FUNDS, DELAY RIGHT-OF- WAY FROM FY 22 TO FY 25 AND CONSTRUCTION FROM FY 22 TO FY 26.</u>	RIGHT-OF-WAY CONSTRUCTION	FY 2025 -	\$15,000	(BGOFF)
			FY 2026 -	<u>\$600,000</u>	(BGOFF)
				\$615,000	
* U-3415A CABARRUS PROJ.CATEGORY DIVISION	SR 1394 (POPLAR TENT ROAD), EAST OF I-85 TO GEORGE LILES PARKWAY <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	BUILD NC ROW	FY 2024 -	\$172,000	(T)
			FY 2025 -	\$172,000	(T)
			FY 2026 -	\$172,000	(T)
			FY 2027 -	\$172,000	(T)
			FY 2028 -	\$172,000	(T)
			FY 2029 -	\$172,000	(T)
		RIGHT-OF-WAY	POST YR-	\$1,548,000	(T)
			FY 2024 -	\$10,350,000	(T)
		UTILITIES	FY 2025 -	\$10,350,000	(T)
			FY 2024 -	\$1,850,000	(T)
		BUILD NC CON	FY 2025 -	\$1,850,000	(T)
			FY 2026 -	\$686,000	(T)
			FY 2027 -	\$686,000	(T)
			FY 2028 -	\$686,000	(T)
			FY 2029 -	\$686,000	(T)
			POST YR-	\$7,374,000	(T)
		CONSTRUCTION	FY 2026 -	\$2,667,000	(T)
			FY 2027 -	\$2,667,000	(T)
			FY 2028 -	<u>\$2,666,000</u>	(T)
				\$45,098,000	

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 10

* U-4913 MECKLENBURG UNION PROJ.CATEGORY DIVISION	IDLEWILD ROAD, SR 3175 (STALLINGS ROAD) TO SR 1524 (STEVENS MILL ROAD). WIDEN EXISTING ROADWAY. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY	FY 2022 -	\$4,000,000	(T)
			FY 2023 -	\$4,000,000	(T)
		UTILITIES	FY 2022 -	\$1,950,000	(T)
			FY 2023 -	\$1,950,000	(T)
		BUILD NC CON	FY 2025 -	\$257,000	(T)
			FY 2026 -	\$257,000	(T)
			FY 2027 -	\$257,000	(T)
			FY 2028 -	\$257,000	(T)
			FY 2029 -	\$257,000	(T)
			POST YR-	\$2,570,000	(T)
		CONSTRUCTION	FY 2025 -	\$8,333,000	(T)
			FY 2026 -	\$8,333,000	(T)
			FY 2027 -	\$8,334,000	(T)
				\$40,755,000	
* U-5769A UNION PROJ.CATEGORY REGIONAL	NC 16 (PROVIDENCE ROAD SOUTH), SR 1316 (REA ROAD EXTENSION) TO SR 1307 (BONDS GROVE CHURCH RD). WIDEN TO MULTI-LANES. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY	FY 2024 -	\$5,350,000	(T)
			FY 2025 -	\$5,350,000	(T)
		UTILITIES	FY 2024 -	\$5,733,000	(T)
			FY 2025 -	\$5,733,000	(T)
			FY 2026 -	\$5,734,000	(T)
		CONSTRUCTION	FY 2027 -	\$6,600,000	(T)
			FY 2028 -	\$6,600,000	(T)
			FY 2029 -	\$6,600,000	(T)
			POST YR-	\$6,600,000	(T)
				\$54,300,000	
* U-5769B UNION PROJ.CATEGORY REGIONAL	NC 16 (PROVIDENCE ROAD SOUTH), SR 1307 (BONDS GROVE CHURCH RD) TO SR 3530 (WAXHAW PARKWAY) IN WAXHAW. WIDEN TO MULTI-LANES. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY	FY 2024 -	\$7,750,000	(T)
			FY 2025 -	\$7,750,000	(T)
		UTILITIES	FY 2024 -	\$11,250,000	(T)
			FY 2025 -	\$11,250,000	(T)
			FY 2026 -	\$11,250,000	(T)
		CONSTRUCTION	FY 2027 -	\$7,850,000	(T)
			FY 2028 -	\$7,850,000	(T)
			FY 2029 -	\$7,850,000	(T)
			POST YR-	\$7,850,000	(T)
				\$80,650,000	
* U-6032 CABARRUS MECKLENBURG PROJ.CATEGORY DIVISION	SR 2467 (MALLARD CREEK ROAD)/ SR 1445 (DERITA ROAD), I-485 TO CONCORD MILLS BOULEVARD (SR 2894). WIDEN TO MULTI-LANES. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY	FY 2022 -	\$4,800,000	(T)
			FY 2023 -	\$4,800,000	(T)
			FY 2024 -	\$4,800,000	(T)
		UTILITIES	FY 2022 -	\$500,000	(T)
		CONSTRUCTION	FY 2025 -	\$8,333,000	(T)
			FY 2026 -	\$8,333,000	(T)
			FY 2027 -	\$8,334,000	(T)
				\$39,900,000	

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 12

* R-4045 CLEVELAND PROJ.CATEGORY REGIONAL	US 74, SR 1168 (LATTIMORE ROAD) INTERSECTION. UPGRADE AT-GRADE INTERSECTION TO INTERCHANGE.	RIGHT-OF-WAY	FY 2022 -	\$1,500,000	(T)
			FY 2023 -	\$1,500,000	(T)
	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS. DP FUNDS REPRESENT FEDERAL INFRA GRANT.</u>	UTILITIES	FY 2022 -	\$950,000	(T)
			FY 2023 -	\$950,000	(T)
		CONSTRUCTION	FY 2022 -	\$3,600,000	(DP)
			FY 2022 -	\$430,000	(T)
			FY 2023 -	\$6,990,000	(T)
			FY 2024 -	\$6,990,000	(T)
			FY 2025 -	\$6,990,000	(T)
				<u>\$29,900,000</u>	
		ENGINEERING	FY 2020 -	\$151,000	(T)
			FY 2021 -	\$151,000	(T)
			FY 2022 -	\$151,000	(T)
			FY 2023 -	\$151,000	(T)
			FY 2024 -	\$151,000	(T)
			FY 2025 -	\$151,000	(T)
			FY 2026 -	\$151,000	(T)
			FY 2027 -	\$151,000	(T)
			FY 2028 -	\$151,000	(T)
			FY 2029 -	\$151,000	(T)
			POST YR-	\$755,000	(T)
		BUILD NC ROW	FY 2020 -	\$4,000	(T)
			FY 2021 -	\$4,000	(T)
			FY 2022 -	\$4,000	(T)
			FY 2023 -	\$4,000	(T)
			FY 2024 -	\$4,000	(T)
			FY 2025 -	\$4,000	(T)
			FY 2026 -	\$4,000	(T)
			FY 2027 -	\$4,000	(T)
			FY 2028 -	\$4,000	(T)
			FY 2029 -	\$4,000	(T)
		RIGHT-OF-WAY	POST YR-	\$20,000	(T)
			FY 2020 -	\$7,433,000	(T)
			FY 2021 -	\$7,433,000	(T)
			FY 2022 -	\$7,434,000	(T)
		UTILITIES	FY 2020 -	\$1,600,000	(T)
			FY 2023 -	\$5,100,000	(T)
		CONSTRUCTION	FY 2024 -	\$5,100,000	(T)
			FY 2025 -	\$5,000,000	(T)
				<u>\$41,425,000</u>	

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 12

* U-5817	SR 1246 (FAIRVIEW ROAD), EXTEND SR 1246	RIGHT-OF-WAY	FY 2020 -	\$4,472,000	(BGANY)
IREDELL	(FAIRVIEW ROAD) OVER I-77 TO CONNECT WITH SR		FY 2020 -	\$2,403,000	(BGDA)
PROJ.CATEGORY	1206 (ALCOVE ROAD) AND CONSTRUCT PARALLEL		FY 2020 -	\$2,725,000	(BA)
DIVISION	NORTH-SOUTH CONNECTOR ROADS TO SR 1109	UTILITIES	FY 2020 -	\$610,000	(BGANY)
	(WILLIAMSON ROAD).	CONSTRUCTION	FY 2025 -	\$5,900,000	(T)
	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>		FY 2026 -	\$5,900,000	(T)
			FY 2027 -	\$5,900,000	(T)
				\$27,910,000	

* U-6144	NC 16, SR 1389 (FAIRFIELD FOREST ROAD) TO SR 1379	RIGHT-OF-WAY	FY 2029 -	\$10,000	(T)
LINCOLN	(WEBBS ROAD). WIDEN TO MULTI-LANES.		POST YR-	\$5,990,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	UTILITIES	FY 2029 -	\$10,000	(T)
REGIONAL			POST YR-	\$4,890,000	(T)
		CONSTRUCTION	POST YR-	\$21,600,000	(T)
				\$32,500,000	

DIVISION 13

* EB-5827	FONTA FLORA TRAIL, FONTA FLORA STATE TRAIL,	RIGHT-OF-WAY	FY 2021 -	\$410,000	(BGDA)
BURKE	INTERSECTION OF LAUREL RIDGE COURT AND NORTH		FY 2021 -	\$216,000	(L)
PROJ.CATEGORY	POWERHOUSE ROAD TO THE PROPOSED HARRIS			\$626,000	
DIVISION	WHISNANT TRAILHEAD AT THE INTERSECTION OF				
	HARRY WHISNANT ROAD AND COBB ROAD.				
	CONSTRUCT BICYCLE AND PEDESTRIAN FACILITY.				
	<u>REVISE PROJECT LIMITS AT THE REQUEST OF MPO.</u>				

I-2513C	I-26/I-240, I-26/I-40/I-240 FINAL INTERCHANGE	RIGHT-OF-WAY	FY 2029 -	\$430,000	(NHP)
BUNCOMBE	IMPROVEMENTS		POST YR-	\$3,870,000	(NHP)
PROJ.CATEGORY	<u>ACCELERATE CONSTRUCTION FROM POST YEAR TO FY 29. THIS ACTION IS A CORRECTION FROM THE OCTOBER 2020 ITEM N AGENDA ACTION.</u>	UTILITIES	FY 2029 -	\$1,330,000	(NHP)
STATEWIDE			POST YR-	\$11,970,000	(NHP)
		CONSTRUCTION	FY 2029 -	\$9,250,000	(NHP)
			POST YR-	\$175,752,000	(NHP)
				\$202,602,000	

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HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 13

* I-4759	I-40, I-40/SR 1228 (LIBERTY ROAD). CONVERT GRADE	GARVEE ROW	FY 2020 -	\$113,000	(BGANY)
BUNCOMBE	SEPARATION TO AN INTERCHANGE AND CONSTRUCT		FY 2021 -	\$825,000	(BGANY)
PROJ.CATEGORY	TWO LANE ROADWAY NORTH OF I-40 TO SR 1224 AND		FY 2022 -	\$825,000	(BGANY)
STATEWIDE	FOUR LANE ROADWAY SOUTH OF I-40 TO US 19/US		FY 2023 -	\$825,000	(BGANY)
	23/NC 151 WITH PARTS ON NEW LOCATION.		FY 2024 -	\$825,000	(BGANY)
	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>		FY 2025 -	\$825,000	(BGANY)
	<u>THRESHOLDS.</u>		FY 2026 -	\$825,000	(BGANY)
			FY 2027 -	\$825,000	(BGANY)
			FY 2028 -	\$825,000	(BGANY)
			FY 2029 -	\$825,000	(BGANY)
			POST YR-	\$4,724,000	(BGANY)
		RIGHT-OF-WAY	FY 2020 -	\$2,850,000	(S(M))
			FY 2021 -	\$2,850,000	(S(M))
		UTILITIES	FY 2021 -	\$700,000	(BGANY)
			FY 2022 -	\$700,000	(BGANY)
		CONSTRUCTION	FY 2025 -	\$8,150,000	(BGANY)
			FY 2026 -	\$8,150,000	(BGANY)
			FY 2027 -	\$8,150,000	(BGANY)
			FY 2028 -	\$8,150,000	(BGANY)
				<u>\$51,962,000</u>	
R-2233BB	US 221, SOUTH OF US 74 BUSINESS TO NORTH OF SR	BUILD NC CON	FY 2022 -	\$2,574,000	(T)
RUTHERFORD	1366 (ROPER LOOP ROAD)		FY 2023 -	\$2,574,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25%</u>		FY 2024 -	\$2,574,000	(T)
DIVISION	<u>THRESHOLDS.</u>		FY 2025 -	\$2,574,000	(T)
			FY 2026 -	\$2,574,000	(T)
			FY 2027 -	\$2,574,000	(T)
			FY 2028 -	\$2,574,000	(T)
			FY 2029 -	\$2,574,000	(T)
			POST YR-	\$18,018,000	(T)
		CONSTRUCTION	FY 2022 -	\$18,650,000	(T)
			FY 2023 -	\$18,650,000	(T)
			FY 2024 -	\$18,650,000	(T)
			FY 2025 -	\$18,650,000	(T)
				<u>\$113,210,000</u>	

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 13

* U-2801A	US 25A (SWEETEN CREEK ROAD), US 25	BUILD NC ROW	FY 2024 -	\$257,000	(T)
BUNCOMBE	(HENDERSONVILLE ROAD) TO SR 3081 (ROCK HILL		FY 2025 -	\$257,000	(T)
PROJ.CATEGORY	ROAD)		FY 2026 -	\$257,000	(T)
REGIONAL	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>		FY 2027 -	\$257,000	(T)
			FY 2028 -	\$257,000	(T)
			FY 2029 -	\$257,000	(T)
			POST YR-	\$2,313,000	(T)
		RIGHT-OF-WAY	FY 2024 -	\$36,366,000	(T)
			FY 2025 -	\$36,367,000	(T)
			FY 2026 -	\$36,367,000	(T)
		UTILITIES	FY 2024 -	\$2,240,000	(T)
			FY 2025 -	\$2,240,000	(T)
			FY 2026 -	\$2,240,000	(T)
		CONSTRUCTION	FY 2027 -	\$11,525,000	(BGANY)
			FY 2028 -	\$11,525,000	(BGANY)
			FY 2029 -	\$11,525,000	(BGANY)
			POST YR-	<u>\$11,525,000</u>	(BGANY)
				\$165,775,000	

DIVISION 14

* A-0009CB	NC 143, SR 1223 (BEECH CREEK ROAD) TO NORTH OF	RIGHT-OF-WAY	FY 2021 -	\$3,300,000	(APD)
GRAHAM	APPALACHIAN TRAIL, UPGRADE ROADWAY.	UTILITIES	FY 2021 -	\$1,300,000	(APD)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	FY 2022 -	<u>\$60,000,000</u>	(APD)
EXEMPT				\$64,600,000	

* HS-2014A	US 64/NC 28, SR 1560 TO SR 1533 NEAR FRANKLIN.	CONSTRUCTION	2021	<u>\$1,200,000</u>	(HSIP)
MACON	INSTALL CENTERLINE RUMBLESTRIPS, LONG LIFE			\$1,200,000	
PROJ.CATEGORY	PAVEMENT MARKINGS, AND INTERMITTENT PAVED				
REGIONAL	SHOULDERS.				
	<u>NEW PROJECT BREAK ADDED AT THE REQUEST OF TRANSPORTATION MOBILITY AND SAFETY DIVISION.</u>				

R-4751	US 19, SR 1152 (HUGHES BRANCH ROAD) IN BRYSON	RIGHT-OF-WAY	FY 2029 -	\$400,000	(T)
SWAIN	CITY TO SR 1195 (US 19A). MODERNIZE ROADWAY.	UTILITIES	FY 2029 -	\$100,000	(T)
PROJ.CATEGORY	<u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	CONSTRUCTION	POST YR-	<u>\$74,200,000</u>	(T)
REGIONAL				\$74,700,000	

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM STIP MODIFICATIONS

DIVISION 14

R-5600 JACKSON PROJ.CATEGORY REGIONAL	NC 107 (US 23 BUSINESS), NC 116 TO US 23 BUSINESS. US 23 BUSINESS, SR 1432 (SKYLAND DRIVE) TO MUNICIPAL DRIVE. UPGRADE ROADWAY. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	BUILD NC ROW	FY 2022 -	\$1,716,000	(T)
			FY 2023 -	\$1,716,000	(T)
			FY 2024 -	\$1,716,000	(T)
			FY 2025 -	\$1,716,000	(T)
			FY 2026 -	\$1,716,000	(T)
			FY 2027 -	\$1,716,000	(T)
			FY 2028 -	\$1,716,000	(T)
			FY 2029 -	\$1,716,000	(T)
			POST YR-	\$12,012,000	(T)
		RIGHT-OF-WAY	FY 2022 -	\$9,200,000	(T)
			FY 2023 -	\$9,200,000	(T)
			FY 2024 -	\$9,200,000	(T)
		UTILITIES	FY 2022 -	\$1,100,000	(T)
			FY 2025 -	\$858,000	(T)
		BUILD NC CON	FY 2026 -	\$858,000	(T)
			FY 2027 -	\$858,000	(T)
			FY 2028 -	\$858,000	(T)
			FY 2029 -	\$858,000	(T)
			POST YR-	\$8,580,000	(T)
		CONSTRUCTION	FY 2025 -	\$10,275,000	(T)
			FY 2026 -	\$10,275,000	(T)
			FY 2027 -	\$10,275,000	(T)
			FY 2028 -	\$10,275,000	(T)
				\$108,410,000	
R-5748 HENDERSON PROJ.CATEGORY DIVISION	SR 1127 (KANUGA ROAD), US 25 BUSINESS (CHURCH STREET) TO SR 1123 (LITTLE RIVER ROAD). UPGRADE ROADWAY. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY	FY 2027 -	\$450,000	(T)
		UTILITIES	FY 2027 -	\$100,000	(T)
		CONSTRUCTION	POST YR-	\$21,100,000	(T)
				\$21,650,000	
R-5800 TRANSYLVANIA PROJ.CATEGORY REGIONAL	US 64, US 276, FORTUNE COVE ROAD TO US 64 BUSINESS (NORTH CALDWELL STREET). CONSTRUCT MEDIAN AND ACCESS CONTROL MEASURES. <u>COST INCREASE EXCEEDING \$2 MILLION AND 25% THRESHOLDS.</u>	RIGHT-OF-WAY	FY 2023 -	\$7,400,000	(T)
			FY 2024 -	\$7,400,000	(T)
		UTILITIES	FY 2023 -	\$300,000	(T)
			FY 2024 -	\$300,000	(T)
		CONSTRUCTION	FY 2025 -	\$5,767,000	(T)
			FY 2026 -	\$5,767,000	(T)
			FY 2027 -	\$5,766,000	(T)
				\$32,700,000	
W-5814A HAYWOOD PROJ.CATEGORY REGIONAL	US 276, CONSTRUCT LEFT TURN LANE 0.3 MILES SOUTH OF SR 1326 (BOB BOYD ROAD). <u>TO ASSIST IN BALANCING FUNDS, DELAY CONSTRUCTION FROM FY 20 TO FY 22.</u>	CONSTRUCTION	FY 2022 -	\$200,000	(HSIP)
				\$200,000	

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM STIP MODIFICATIONS

STATEWIDE

HB-9999ADI	VARIOUS LOCATIONS, BRIDGE INSPECTION PROGRAM	IMPLEMENTATION	FY 2021 -	\$7,800,000	(T)
STATEWIDE	INSPECTIONS.		FY 2022 -	\$7,800,000	(T)
PROJ.CATEGORY	<u>PROJECT BREAK ADDED AT REQUEST OF</u>		FY 2023 -	\$7,800,000	(T)
DIVISION	<u>STRUCTURES MANAGEMENT.</u>		FY 2024 -	\$7,800,000	(T)
			FY 2025 -	\$7,800,000	(T)
			FY 2026 -	\$7,800,000	(T)
			FY 2027 -	\$7,800,000	(T)
			FY 2028 -	\$7,800,000	(T)
			FY 2029 -	\$7,800,000	(T)
				\$70,200,000	

HB-9999ARE	VARIOUS LOCATIONS, BRIDGE INSPECTION PROGRAM	IMPLEMENTATION	FY 2021 -	\$7,800,000	(T)
STATEWIDE	INSPECTIONS.		FY 2022 -	\$7,800,000	(T)
PROJ.CATEGORY	<u>PROJECT BREAK ADDED AT REQUEST OF</u>		FY 2023 -	\$7,800,000	(T)
REGIONAL	<u>STRUCTURES MANAGEMENT.</u>		FY 2024 -	\$7,800,000	(T)
			FY 2025 -	\$7,800,000	(T)
			FY 2026 -	\$7,800,000	(T)
			FY 2027 -	\$7,800,000	(T)
			FY 2028 -	\$7,800,000	(T)
			FY 2029 -	\$7,800,000	(T)
				\$70,200,000	

HB-9999ASW	VARIOUS LOCATIONS, BRIDGE INSPECTION PROGRAM	IMPLEMENTATION	FY 2021 -	\$10,400,000	(T)
STATEWIDE	INSPECTIONS.		FY 2022 -	\$10,400,000	(T)
PROJ.CATEGORY	<u>PROJECT BREAK ADDED AT REQUEST OF</u>		FY 2023 -	\$10,400,000	(T)
STATEWIDE	<u>STRUCTURES MANAGEMENT.</u>		FY 2024 -	\$10,400,000	(T)
			FY 2025 -	\$10,400,000	(T)
			FY 2026 -	\$10,400,000	(T)
			FY 2027 -	\$10,400,000	(T)
			FY 2028 -	\$10,400,000	(T)
			FY 2029 -	\$10,400,000	(T)
				\$93,600,000	

HB-9999BDI	VARIOUS LOCATIONS, BRIDGE INSPECTION PROGRAM	IMPLEMENTATION	FY 2021 -	\$600,000	(T)
STATEWIDE	STRUCTURE INVENTORY AND APPRAISAL.		FY 2022 -	\$600,000	(T)
PROJ.CATEGORY	<u>PROJECT BREAK ADDED AT REQUEST OF</u>		FY 2023 -	\$600,000	(T)
DIVISION	<u>STRUCTURES MANAGEMENT.</u>		FY 2024 -	\$600,000	(T)
			FY 2025 -	\$600,000	(T)
			FY 2026 -	\$600,000	(T)
			FY 2027 -	\$600,000	(T)
			FY 2028 -	\$600,000	(T)
			FY 2029 -	\$600,000	(T)
				\$5,400,000	

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM STIP MODIFICATIONS

STATEWIDE

HB-9999CDI STATEWIDE PROJ.CATEGORY DIVISION	VARIOUS LOCATIONS, BRIDGE INSPECTION PROGRAM ANALYSIS. <u>PROJECT BREAK ADDED AT REQUEST OF STRUCTURES MANAGEMENT.</u>	IMPLEMENTATION	FY 2021 - \$780,000 (T) FY 2022 - \$780,000 (T) FY 2023 - \$780,000 (T) FY 2024 - \$780,000 (T) FY 2025 - \$780,000 (T) FY 2026 - \$780,000 (T) FY 2027 - \$780,000 (T) FY 2028 - \$780,000 (T) FY 2029 - \$780,000 (T) \$7,020,000
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HB-9999CRE STATEWIDE PROJ.CATEGORY REGIONAL	VARIOUS LOCATIONS, BRIDGE INSPECTION PROGRAM ANALYSIS. <u>PROJECT BREAK ADDED AT REQUEST OF STRUCTURES MANAGEMENT.</u>	IMPLEMENTATION	FY 2021 - \$780,000 (T) FY 2022 - \$780,000 (T) FY 2023 - \$780,000 (T) FY 2024 - \$780,000 (T) FY 2025 - \$780,000 (T) FY 2026 - \$780,000 (T) FY 2027 - \$780,000 (T) FY 2028 - \$780,000 (T) FY 2029 - \$780,000 (T) \$7,020,000
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HB-9999CSW STATEWIDE PROJ.CATEGORY STATEWIDE	VARIOUS LOCATIONS, BRIDGE INSPECTION PROGRAM ANALYSIS. <u>PROJECT BREAK ADDED AT REQUEST OF STRUCTURES MANAGEMENT.</u>	IMPLEMENTATION	FY 2021 - \$1,040,000 (T) FY 2022 - \$1,040,000 (T) FY 2023 - \$1,040,000 (T) FY 2024 - \$1,040,000 (T) FY 2025 - \$1,040,000 (T) FY 2026 - \$1,040,000 (T) FY 2027 - \$1,040,000 (T) FY 2028 - \$1,040,000 (T) FY 2029 - \$1,040,000 (T) \$9,360,000
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* R-5966 STATEWIDE PROJ.CATEGORY EXEMPT	VARIOUS, FEDERAL TRIBAL TRANSPORTATION PROGRAM (FTTP). ROAD AND BRIDGE IMPROVEMENTS TO BE CONSTRUCTED ON TRANSPORTATION FACILITIES THAT ARE OWNED BY THE FEDERAL GOVERNMENT THAT PROVIDE ACCESS TO TRIBAL LANDS. <u>FUNDING ADDED TO FY 21, FY 22, AND FY 23 AT THE DIRECTION OF FHWA.</u>	CONSTRUCTION	FY 2020 - \$2,090,000 (FTTP) FY 2021 - \$10,532,000 (FTTP) FY 2022 - \$3,540,000 (FTTP) FY 2023 - \$2,340,000 (FTTP) FY 2024 - \$488,000 (FTTP) \$18,990,000
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REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM STIP MODIFICATIONS

STATEWIDE

* TI-6109	STATEWIDE, 5311(F) INTERCITY BUS FUNDS FOR FTA	OPERATIONS	FY 2021 -	\$12,266,000	(5311)
STATEWIDE	GANTS			\$12,266,000	
PROJ.CATEGORY	<u>MODIFYING THE FEDERAL FUNDS RECEIVED FROM FTA ADMINISTERED BY PTD BASED ON FY 21 GRANTS</u>				

STIP DELETIONS

DIVISION 7

* EB-5993	BRIDFORD PARKWAY; HORNADAY ROAD, BRIDFORD	CONSTRUCTION	FY 2020 -	\$312,000	(TAANY)
GUILFORD	PARKWAY FROM SR 1541 (WEST WENDOVER AVENUE)		FY 2020 -	\$78,000	(L)
PROJ.CATEGORY	TO HORNADAY ROAD AND HORNADAY ROAD FROM			\$390,000	
DIVISION	WEST OF NICHOLAS ROAD TO BRIDFORD PARKWAY IN				
	GREENSBORO. CONSTRUCT SIDEWALKS.				
	<u>PROJECT DELETED AT THE REQUEST OF MPO.</u>				
	<u>PROJECT DECLINED BY CITY; WORK TO BE</u>				
	<u>ACCOMPLISHED UNDER U-5532E</u>				

DIVISION 12

* B-6051	US 29 / US 74, REPLACE BRIDGE 350091 OVER	RIGHT-OF-WAY	FY 2022 -	\$4,000,000	(HFB)
GASTON	CATAWBA RIVER	CONSTRUCTION	FY 2023 -	\$40,900,000	(HFB)
PROJ.CATEGORY	<u>DELETE AT THE REQUEST OF STRUCTURES</u>			\$44,900,000	
REGIONAL	<u>MANAGEMENT UNIT.</u>				

DIVISION 13

* EB-5934	BURKE COUNTY, CONSTRUCT BOARDWALK ACROSS	ENGINEERING	FY 2020 -	\$400,000	(BGDA)
BURKE	LINVILLE DAM AND TRAIL.		FY 2020 -	\$100,000	(L)
PROJ.CATEGORY	<u>DELETE PROJECT AT THE REQUEST OF MPO.</u>			\$500,000	
DIVISION					

REVISIONS TO THE 2020-2029 STIP

HIGHWAY PROGRAM

ITEM N SUMMARY

ADDITIONS	18	PROJECTS	\$27,595,000
MODIFICATIONS	66	PROJECTS	
DELETIONS	3	PROJECTS	\$45,790,000
	87	PROJECTS	(\$18,195,000)

NCDOT January 7, 2021 Board of Transportation Agenda
Municipal and Special Agreements

SUMMARY: There are a total of 16 agreements for approval by the Board of Transportation

Division 2

North Carolina State Ports
Authority (NCSPA)
Carolina Coastal Railway
(CLNA)
Carteret County
80000.1.4.81
Rail

This Agreement with the NCSPA and CLNA is to assist in the construction of improvements to the NCSPA's rail corridor in Morehead City. The project will improve a locking mechanism and install new bridge ties and joint bars on the bascule bridge that connects the main port to rail facilities on Radio Island. NCSPA will be responsible for construction of the project. The cost of this project is \$750,000 and the total estimated cost to the Department is \$375,000.

Division 3

Town of Ocean Isle Beach
Brunswick County
EB-6034
48804.3.1
9602

This Project consists of construction of bike lanes on both sides of SR 1144 (First Street) from Raleigh Street to Beaufort Street in Ocean Isle. The Department will perform the work. The Municipality shall participate in the costs of the project in the amount of \$315,000 and all costs that exceed the total available funding of \$787,500.

Town of Swansboro
Onslow County
49065
9604

This Project consists of the installation of sidewalk along NC 24 (Corbett Avenue) from SR 1511 (Hammocks Beach Road) to SR 1514 (Phillips Loop Road); Old Hammocks Beach Road from SR 1513 (Deer Island Road) to existing sidewalk near Fredericks Lane; SR 1511 (Hammocks Beach Road) from Moore's BBQ sidewalk to Park Place Drive. The Department will perform the work and participate in the costs of the project in the amount of \$366,668. The Municipality shall provide \$116,634 as their local participation in the project. The estimated cost of the project is \$483,302.

Division 5

City of Raleigh
Wake County
P-5715
46927.3.1
9593

This Project consists of the New Hope Church Road Grade Separation over CSX Railroad, Crossing No. 630 607N, at Milepost S152.32. At the request of the Municipality, the Department shall include in its construction contract the relocation of water and sewer lines. The Municipality shall reimburse the Department actual costs for the work. The estimated reimbursement is \$2,067,395.50.

NCDOT January 7, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 5, cont.

GoTriangle
Wake County
R-2828
35516.5.TA1
9599

This Agreement is to address the Agency's participation in the Freeway and Street-based Transit network study ("Fast Study") as part of the I-540 settlement agreement with Sound Rivers, Inc., Center for Biological Diversity and Clean Air Carolina. The Department will provide a one-time contribution of \$10,000 to GoTriangle for its participation in the FAST Study.

National Fish and Wildlife
Federation
Wake County
9614

This Project will establish a coastal nature-based resiliency plan focused on prioritizing sites for habitat restoration and protecting critical roadway infrastructure, to serve as a public, living plan created through stakeholder and community engagement. The Project will also identify and organize potential projects that address North Carolina's needs for coastal resiliency and increased stakeholder and public engagement to help build capacity to execute nature-based resilience projects. The National Fish and Wildlife Federation has awarded the Department a grant in the amount of \$353,083 to establish a Comprehensive Coastal Nature-Based Resiliency Plan (NC). The Department will be responsible for the \$353,083 as the match to the Federation's grant.

North Carolina Department of
Public Safety
Wake County
9594

This Memorandum of Agreement (MOA) establishes the terms and conditions for the Agency and the Department to work together to maintain the NCDOT Highway Floodplain Program by increased use of hydraulic modeling applications, GIS mapping and analytics, LiDAR data, digital engineering design data and asset management systems.

City of Raleigh
Wake County
U-5521
55058
Rail

This Municipal Agreement covers the Department's review of plans prepared by the Municipality for the construction of an extension of South West Street, from West Martin Street to West Cabarrus Street, new grade separations on the North Carolina Railroad (NCRR) / Norfolk Southern (NS) "H" Line, the east leg wye track of the Boylan Wye, the Raleigh Union Station (RUS) platform, and the RUS station tracks, along with the permanent closing of the at-grade railroad crossing on Cabarrus Street. As requested by the Municipality, the Department shall assist with coordinating and reviewing during the preliminary engineering phase of the Project. The Municipality shall reimburse the Department 100% of costs incurred for the design and preliminary engineering phase of the project. The estimated cost to the Municipality is \$350,000.

NCDOT January 7, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 5, cont.

CSX Transportation, INC.
(CSXT)
Wake County
P-5737
48153.1.1
Rail

This Crossing Closure Agreement covers the permanent closure of the at-grade rail crossing of Millbrook Road and the CSXT S-line (SR 2108: Crossing No. 630 605A, MP S-151.28) along with the removal of all signals, gates, roadway approaches and crossing surfaces. CSXT will perform the work and the Department will reimburse CSXT 100% of the actual cost for all work performed. The cost for this work is included in the P-5737 project construction agreement with CSXT.

Division 7

City of Greensboro
Guilford County
EL-5101DL
41823.1.3
41823.2.F15
41823.3.21
9592

This Project consists of the design and construction of 15.5 miles of sidewalk projects along the following roadways: West Friendly Avenue from West Market Street to Francis King Street (Part A); English Street from Phillips Avenue to Florida Street (Part B); Pisgah Church Road/Lees Chapel Road from Battleground Avenue to Brightwood School Road (Part C); and Yanceyville Street from Bessemer Avenue to Lees Chapel Road (Part D) in Greensboro. This Supplemental Agreement is to increase funding for the Project. The Department agrees to reimburse the Municipality 80% of eligible costs for the construction of Part C and Part D up to a maximum of \$6,822,640 in CMAQ and STP-DA funds. The Municipality shall provide the 20% non-federal match of \$1,705,660 and all costs that exceed the available funding of \$8,528,300.

City of Greensboro
Guilford County
EB-5883
47279.1.1
47279.2.1
47279.3.1
9479

This Project consists of construction of sidewalk and compliant wheelchair ramps along both sides of Wendover Avenue including short sections along intersecting streets from Grecale Street to North Church Street and Summit Avenue to US 29. This supplemental agreement is to increase funding and add ROW and CON phases as eligible expenses. The Department agrees to reimburse the Municipality 80% of eligible costs up to a maximum amount of \$2,790,840 in TAP funds. The Municipality shall provide the 20% non-federal match of \$697,710 and all costs that exceed the total available funding of \$3,488,550.

NCDOT January 7, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 7, cont.

City of Mebane
Alamance County
7.200119
9615

This Project consists of winter weather maintenance for certain State Highway System Roads and rights of way within the municipal limits of Mebane. The Municipality will perform the work. The Department shall reimburse the Municipality for actual costs of labor, materials and equipment not to exceed \$140,000 per year.

Division 8

Atlantic and Western Railway
(ATW)
Lee County
R-3830
38887
Rail

This Agreement covers the construction of a new side-track off the ATW mainline just north of MP 127.7 in the vicinity of Sanford and includes road crossing consolidation. ATW shall complete the work prior to March 2022 to prepare for a Highway Project let date of April 2022. The Department shall reimburse ATW 100% of the actual costs for work performed using STIP funding. The estimated cost of the work is \$1,200,000.

Division 9

City of Lexington
Davidson County
P-5731/P-5732
47610
Rail

This Municipal Project Agreement provides for Preliminary Engineering and Construction of improvements in the City of Lexington consisting of three segments. Segment A will construct 2 Passenger boarding platforms and renovations to the existing depot; Segment B will construct a passenger concourse and parallel pedestrian underpass and Segment C will realign NCRR/NSR mainline tracks and signals, roadway improvements, along with the installation of a grade separation and appropriate closures. Funding for the project shall be provided by the Municipality with local funding and a USDOT Build 2020 Grant and the Department through STIP funding. The Department will participate in the cost of the Project up to \$10,950,000.

Division 10

City of Monroe
Union County
U-5703B
50129.3.1
9605

This Project consists of reconfiguration of the intersection of Roosevelt Boulevard (US 74) and Rocky River Road (SR 1514) to a superstreet and will include realigning James Hamilton Road to intersect with Rocky River Road (SR 1514) at Myers Road. This supplemental agreement is to reimburse the Municipality's funding participation of \$250,000 in the construction phase of the project due to change in project letting. The Department shall request the Municipality's funding participation of \$250,000 prior to authorization of construction funds.

NCDOT January 7, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 10, cont.

CSX Transportation, INC.
(CSXT)
Union County
Y-5500JC
45533.1.18
Rail

This Agreement covers the permanent closure of the at-grade rail crossing of Tory Path Road (SR 1432: Crossing No. 638 898L, MP SG 319.97) along with the removal of all signals and gates, roadway approaches and crossing surfaces. As mitigation for the closure, an alternate access roadway to Helms Road (SR 1300) will be constructed. The Department and CSXT will perform the work. CSXT shall reimburse the Department \$4,000 toward the cost of the crossing closure. The estimated cost of the project is \$7,150,000.

NCDOT January 7, 2021 Board of Transportation Agenda
Municipal and Special Agreements

SUMMARY: There are a total of 25 agreements for informational purposes only

Division 3

D.R. Horton, Inc.
New Hanover County
36249.4254
9586

This Project consists of signal modifications at US 117/ NC 133 (Castle Hayne Road) and SR 1322 (N. Kerr Avenue)/Site Access [SIN: 03-0191] related to the Riverside Development. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

City of Jacksonville
Onslow County
36249.4265
9607

This Project consists of signal plan and equipment modifications at the intersection of US 17 Business (Marine Boulevard/Thompson Street) [SIN 03-0598] related to the City of Jacksonville's project to realign Thompson Street. under this agreement. The Department will review the traffic signal plans and inspect the traffic signal installation. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

City of Jacksonville
Onslow County
36249.4268
9610

This Project consists of signal modifications at NC 53 (Western Boulevard)/Gateway North [SIN 03-0822] related to the City of Jacksonville's project to install a right turn overlap signal head. The Department will review the traffic signal plans and inspect the traffic signal installation. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$2,500.

WPE Holding, LLC
New Hanover County
36249.4266
9608

The Project consists of a signal installation on US 17 at Scotts Hill Medical Park Drive (non-system) and at the new northbound to southbound U-turn, south of Scotts Hill Loop Road, and signal coordination work required along US 17 to be performed by the Department, related to the Scotts Hill Medical Park Development. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$25,000.

Sampson-Bladen Oil Company
Brunswick County
36249.4267
9609

This Project consists of signal modifications at US 74/76 at NC 87 (Maco Road)/SR 1419 (Northwest Road) [SIN 03-0170] related to the Han Dee Hugo/Bojangles Development. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

NCDOT January 7, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 4

City of Wilson
Wilson County
36249.4264
9600

This Project consists of the installation of decorative guardrail on SR 1332 and guardrail on NC 42. The Department will perform the work. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$34,962.50.

Division 5

Dunn Investments, LLC
Wake County
36249.4261
9595

This Project consists of a traffic signal upgrade at the intersection of SR 1114 (S. Main Street Extension)/SR 1101 (Piney-Grove Wilbon Road) at SR 1114 (S. Main Street Extension)/SR 1101 (Ralph Stephens Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$10,000.

Town of Zebulon
Wake County
36249.4262
9596

This Project consists of the installation of a traffic signal and intersection improvements at the intersection of SR 2400 (Shepard School Road) and SR 2320 (Old Bunn Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$7,000.

D & N Developers
Wake County
36249.4252
9583

This Project consists of a signal modification at the intersection of Rogers Road and East Franklin Street for the addition of a separate right turn lane along the southbound S. Franklin Street approach and associated signal head/detector loop additions. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$7,000.

Parmer RTP, LLC
Durham County
36249.4253
9584

This Project consists of signal modification at the intersection of Ellis Road and Northeast Creek/Ellis Research Center and includes adding pedestrian signals on the east and south legs of the intersection. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

NCDOT January 7, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 5, cont.

Endeavor Charter School
Foundation, Inc.
Wake County
36249.4256
9587

This Project consists of the installation of a new traffic signal at the intersection of Burlington Mills Road and One World Way. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

Ten Ten WEH, LP
Wake County
36249.4251
9581

This Project consists of a new signal installation at the intersection of Ten-Ten Road and McCullers Road. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

Legacy Heritage Lake Road,
LLC
Wake County
36249.4249
9580

This Project consists of a traffic signal upgrade at Heritage Lake Road and the NC 98 Bypass. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

Durham Public Schools
Durham County
36249.4248
9579

This Project consists of the installation of new traffic signals at the following locations: US-501 at Argonne Drive and US-501 at Wellington Drive. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$5,000.

Research Triangle, Ltd.
Durham County
36249.4245
9574

This Project consists of traffic signal upgrades at the intersections of SR 1978 (Hopson Road) at Keystone Park Drive and NC 54 (S. Miami Boulevard) at SR 1978 (Hopson Road/Page Road). The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$10,000.

NCDOT January 7, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 6

Town of Elizabethtown
Bladen County
36249.4242
9572

The Project consists of replacement of the existing standard pedestrian pedestal with a black-powder coated pedestrian pedestal at the intersection of US 701/NC 242 (N. Poplar Street) at NC 41/87 Business (W. Broad Street) in the northeast quadrant of the intersection. The Department shall modify the existing plans and traffic signal design specifications and furnish the traffic signal equipment. The Municipality shall reimburse the Department 100% of the actual cost. The estimated cost is \$2,034.84.

Division 7

Wilson-Covington Construction
Company
Guilford County
36249.4212
9601

This Project consists of the relocation of pole, span wire and guy wire for Signal No. 07-0272 at the intersection of NC 65 and Ellisboro Road in Stokesdale. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$1,000.

Division 9

Truist Bank
Forsyth County
36249.4237
9561

This Project consists of the revising of eight highway signs associated with the U-2827B Project in Winston-Salem. The Department will perform the work. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$33,387.

Division 10

Village of Misenheimer
Stanly County
36249.4250
9588

This Project consists of the installation of a new HAWK signal located along NC 49 at the Carolina Thread Trail Crossing. The Department will review the traffic signal plans and inspect the traffic signal installation. The Municipality shall reimburse the Department 100% for the work. The estimated reimbursement is \$6,000.

Concord Housing, LLC
Cabarrus County
36249.4259
9589

This Project consists of the installation of a new traffic signal located along US 29 at the Evolve Apartments Entrance/Ford Restoration Parts Entrance. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$6,000.

NCDOT January 7, 2021 Board of Transportation Agenda
Municipal and Special Agreements

Division 10, cont.

Cabarrus County
36249.4263
9598

This Project consists of the modification of 2 traffic signals located along NC 73 at Means Avenue and NC 73 at Corban Avenue SE. The Department will review the traffic signal plans and inspect the traffic signal installation. The County shall reimburse the Department 100% for the work. The estimated reimbursement is \$12,000.

Full Moon of Union County
Mecklenburg County
36249.4057
9590

This Project consists of the modification of a traffic signal located at SR 2459 (Eastfield Road) at Prosperity Church Road. The Department will review the traffic signal plans and inspect the traffic signal installation. The Developer shall reimburse the Department 100% for the work. The estimated reimbursement is \$6,000.

Love's Travel Stops and Country
Stores, Inc.
Mecklenburg County
10.2060SM
9812502
9613

This Project consists of the installation of a traffic signal at the intersection of SR 1625 (Sam Wilson Road) and SR 1603 (Performance Drive)/SR 1626 (West Pointe Drive) in Charlotte. The Department will perform the work. The Developer shall participate in the cost of the project in the amount of \$30,000.

Town of Harrisburg
Cabarrus County
36249.4269
9612

This Project consists of maintenance by the Department for Traffic Signal No. 10-233 located at the Harrisburg Fire Station No. 2 on SR 1139 (Rocky River Road). The Municipality shall reimburse the Department 100% of the actual costs of the annual maintenance. The estimated reimbursement is \$2,000.

Division 13

Asheville Chamber of
Commerce Community
Betterment Foundation
(Foundation)
Buncombe County
36249.4241
9606

This Project consists of construction of a new bridge over the French Broad River in Buncombe County near the intersection of NC 191 (Brevard Road) and Blue Ridge Parkway/NC Arboretum. The Foundation is responsible for the project. The Department will provide review and oversight of the project. The Foundation shall reimburse the Department 100% for the work. The estimated reimbursement is \$400,000.

NCDOT January 2021 Board of Transportation Agenda

Municipal Street System Changes for Powell Bill Program

Deletion from the State Highway System

Division	County	Municipality	Road	Termini	Length
10	Mecklenburg	The Town of Davidson	SR 6039; Beaty Street	From NC 115 (North Main Street) to SR 2158 (Griffith Street)	0.92

File Name: MECKLENBURG_2021_01_M001

10	Mecklenburg	Town of Mint Hill	SR 5235; Quail Park Drive	From NC 218 (Fairview Road) to Dead End	0.99
			SR 5238; Leisure Garden Lane	From Quail Park Drive (SR 5235) to Dead End	0.33

File Name: MECKLENBURG_2021_01_M002

Total Miles = 2.24

NCDOT January 2021 Board of Transportation Agenda

<u>No.</u>		<u>Enacted Page No.</u>
1	Final Right of Way Plans	R-1
2	Conveyance ROW Residue by Real Estate Agent and or Auctioneer	R-2
3	Approval of Conveyance of Highway Right of Way Residues	R-3
4	Approval of Conveyance of Surplus Highway Right of Way	R-4
5	Approval of Revision in Control of Access	R-5
6	Approval of Conversion of Residual Area to Highway Right of Way	R-6
7	Approval of Conveyance of Highway Right of Way Residue (correction)	R-Correction

NCDOT January 2021 Board of Transportation Agenda

Final Right of Way Plans

Right of way acquisition in accordance with the preliminary right of way plans on file in the Right of Way Unit has been determined to be necessary for public use and was authorized by the Board. Certain changes in the right of way have necessitated alteration of the preliminary right of way plans. Final plans have been prepared and provide for the construction, design, drainage and control of access for these projects. The Board finds that such rights of way and control of access as shown on the final plans are for a public use and are necessary for construction. The sections of roads which were shown on the preliminary plans as sections of roads to be abandoned are hereby abandoned and removed from the State Highway System for Maintenance upon the completion and acceptance of the project.

The rights of way for the location, design and construction of highways embraced in the following projects shall be as shown in detail on the final plans for said projects as follows:

(Division 2)

Project No. 48828.2.1; Pitt County; I.D. No. BR-0119:

Drainage, grading, paving and structure on Bridge No. 109 over Grindle Creek on SR 1514 with the right of way indicated upon the final plans for said project.

(Division 3)

Project No. 48831.2.1; Sampson County; I.D. No. BR-0122:

Drainage, grading, paving and structure on Bridge No. 348 over Beaverdam Creek on SR 1703 (Old Goldsboro Road) with the right of way indicated upon the final plans for said project.

(Division 4)

Project No. 48822.2.1; Halifax County; I.D. No. BR-0113:

Drainage, grading, paving and structure on Bridge no. 115 over Rocky Swamp on SR 1601 with the right of way indicated upon the final plans for said project.

(Division 11)

Project No. 48835.2.1; Wilkes County; I.D. No. BR-0126:

Drainage, grading, paving and structure on Bridge No. 667 on SR 1749 over Sparks Creek with the right of way indicated upon the final plans for said project.

FINAL RIGHT OF WAY PLANS

4 PROJECT(S)

\$ 0.00

NCDOT January 2021 Board of Transportation Agenda

Approval of Conveyance of Highway Right of Way Residues by Real Estate Agent and/ or Auctioneer

It is hereby resolved, based upon the recommendation of the Manager of the Right of Way Unit, that the following highway right of way conveyances are approved:

(Division 10)

Project R-2248AD, Parcel 014, I-485 Mecklenburg County

Conveyance of an approximate 1.840-acre area comprised of one (1) A-class residue, having a value of \$55,000 to **Omar Luis Santos and Fabiola Madrigal Hernandez** for the highest offer amount of **\$55,000**; total commission \$5,500.

Project R-2123BB, Parcel 015, I-485 Mecklenburg County

Conveyance of an approximate 1.680-acre area comprised of one (1) A-class residue, having a value of \$50,000 to **Green Street Land Co., LLC** for the highest offer amount of **\$50,000**; total commission \$5,000.

CONVEYANCE ROW RESIDUE (HB 501)

2 PROJECT(S)

\$ 105,000.00

NCDOT January 2021 Board of Transportation Agenda

Approval of Conveyance of Highway Right of Way Residues

It is hereby resolved, based upon the recommendation of the Manager of the Right of Way Unit, that the following highway right of way conveyances are approved:

(Division 3)

Project 34932.2.2, U-3338B, Intersection of Market and Kerr Streets New Hanover County

Conveyance of approximately 0.3 acres valued at \$101,325 to Lodging Enterprises, LLC, a North Carolina Limited Liability Company, the only interested adjacent owner, for the bid some of \$101,325.

CONVEYANCE ROW RESIDUE

1 PROJECT(S)

\$ 101,325.00

NCDOT January 2021 Board of Transportation Agenda

Approval of Conveyance of Surplus Highway Right of Way

It is hereby resolved, based upon the recommendation of the Manager of the Right of Way Unit that the following highway right of way conveyances are approved:

(Division 14)

Project 8.1990901, Parcel 081, US 64 (Rosman Highway) at its intersection with SR 1159 (Old County Home Road).

Transylvania County

Disposal of approximately 0.61 acre surplus right of way to Town of Rosman for a water pumping station for no consideration.

CONEYANCE OF SURPLUS HIGHWAY RIGHT OF WAY 1 PROJECT(S)

\$ 0.00

NCDOT January 2021 Board of Transportation Agenda

Approval of Revision in Control of Access

It is hereby resolved, based upon the recommendation of the Manager of the Right of Way Unit that the following highway right of way conveyances are approved:

(Division 5)

Project 34503.2.1, R-2809B, Parcel 007, NC 98 (Wake Forest Bypass) Wake Forest Wake County

Revision in the control of access along NC 98 (Wake Forest Bypass) for Right-In Right-Out access to Styles Corporation for the enhancement value of \$483,000.

APPROVAL OF REVISION IN CONTROL OF ACCESS	1 PROJECT(S)	\$ 483,000.00
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NCDOT January 2021 Board of Transportation Agenda

Approval of Conversion of Residual Area to Highway Right of Way

It is hereby resolved, based upon the recommendation of the Manager of the Right of Way Unit that the following highway right of way conveyances are approved:

(Division 5)

Residue: George Grady A/W Elizabeth to NC Highway Commission Deed Book 1360 Page 527

New: U-2719 022 I-440
Wake County

The Department was conveyed a 1.066 acre area from George Grady A/W Elizabeth in 1959 during the initial construction of the "Beltline" a/k/a Inner Loop in Wake County. The Department is in the process of widening I-440 and needs to convert 0.105 acre to Right of Way. The remaining 0.961 acre will remain available for sale or further use by the Department.

Residue: Stevens Building Co. to NCSH&PWC Deed Book 1260 Page 283

New: U-2719 083 I-440
Wake County

The Department was conveyed a 0.288 acre area from Stevens Building Co. in 1956 during the initial construction of the "Beltline" a/k/a Inner Loop in Wake County. The Department is in the process of widening I-440 and needs to convert 0.142 acre to Right of Way. The remaining 0.146 acre will remain available for sale or further use by the Department.

APPROVAL OF CONVERSION OF RESIDUAL AREA TO HIGHWAY ROW 2 PROJECT(S) \$ 0.00

Approval of Conveyance of Highway Right of Way Residues

It is hereby resolved, based upon the recommendation of the Manager of the Right of Way Unit, that the following highway right of way conveyances are approved:

(Division 3)**Project 8.1223302, X-0003CA, B-201, South side of I-40
Duplin County**

Conveyance of approximately 5.97 acres valued at \$10,000 to David Alexander Walters, the highest bid of the four adjacent owners, for the bid of \$5,000. As presented on the December 3, 2020 Board of Transportation Agenda. **NOTE: THE RIGHT OF WAY UNIT HAS DETERMINED, THE DEPARTMENT DOES NOT HAVE TITLE TO THE AREA REQUESTED AND THEREFORE REQUEST A NOTATION IN THE DECEMBER 3, 2020 BOARD OF TRANSPORTATION MINUTES THAT THIS ITEM BE DELETED.**

CONVEYANCE ROW RESIDUE

1 PROJECT(S)

\$ 0.00

R-ITEM SUMMARY**12 PROJECT(S)****TOTAL: \$ 689,325.00**

**NORTH CAROLINA BOARD OF TRANSPORTATION
RECOMMENDED ALLOCATION OF HIGHWAY MAINTENANCE APPROPRIATIONS
FISCAL YEAR 2020 - 2021**

There will be no Maintenance Allocation submitted to the Board for approval at the January 2021 Board meeting.

December 21, 2020

MEMORANDUM TO: Board of Transportation

FROM: Transportation Planning Division

SUBJECT: Submission of the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization Comprehensive Transportation Plan for Mutual Adoption by the Board of Transportation

The Transportation Planning Division has worked cooperatively with the Durham-Chapel Hill-Carrboro Metropolitan Planning Organization (DCHC MPO) on amendment of their Comprehensive Transportation Plan (CTP). The plan was adopted by the DCHC MPO on December 9, 2020.

The plan is based on an analysis of existing and projected travel and land use, public involvement and field investigations of recommended improvements. It is located on the web at:

https://connect.ncdot.gov/projects/planning/Pages/CTP-Details.aspx?study_id= Durham-Chapel Hill-Carrboro

The Transportation Planning Division recommends the mutual adoption of the amended DCHC MPO Comprehensive Transportation Plan as shown on the attached map, with a recommendation date of December 14, 2020.

Sincerely,

Jamal Alavi

Jamal Alavi, P.E.
Director, Transportation Planning Division

Attachment

DCHC MPO - CTP AMENDMENT 2 ADOPTION SHEET AND HIGHWAY MAP

Adopted by:

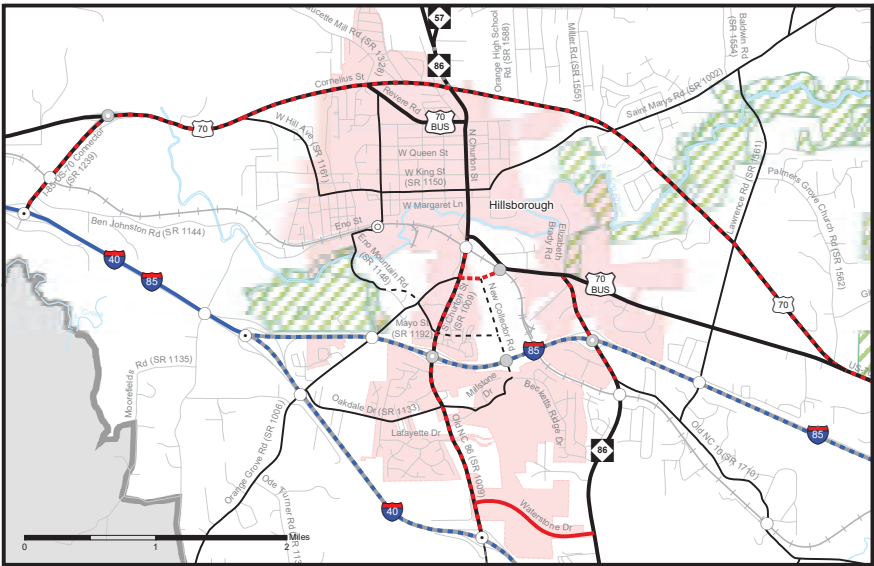
Durham-Chapel Hill-Carrboro MPO
Date: May 10, 2017
Amendment 1: September 12, 2018
Amendment 2: December 9, 2020

NCDOT
Date: August 3, 2017
Amendment 1: NA
Amendment 2:

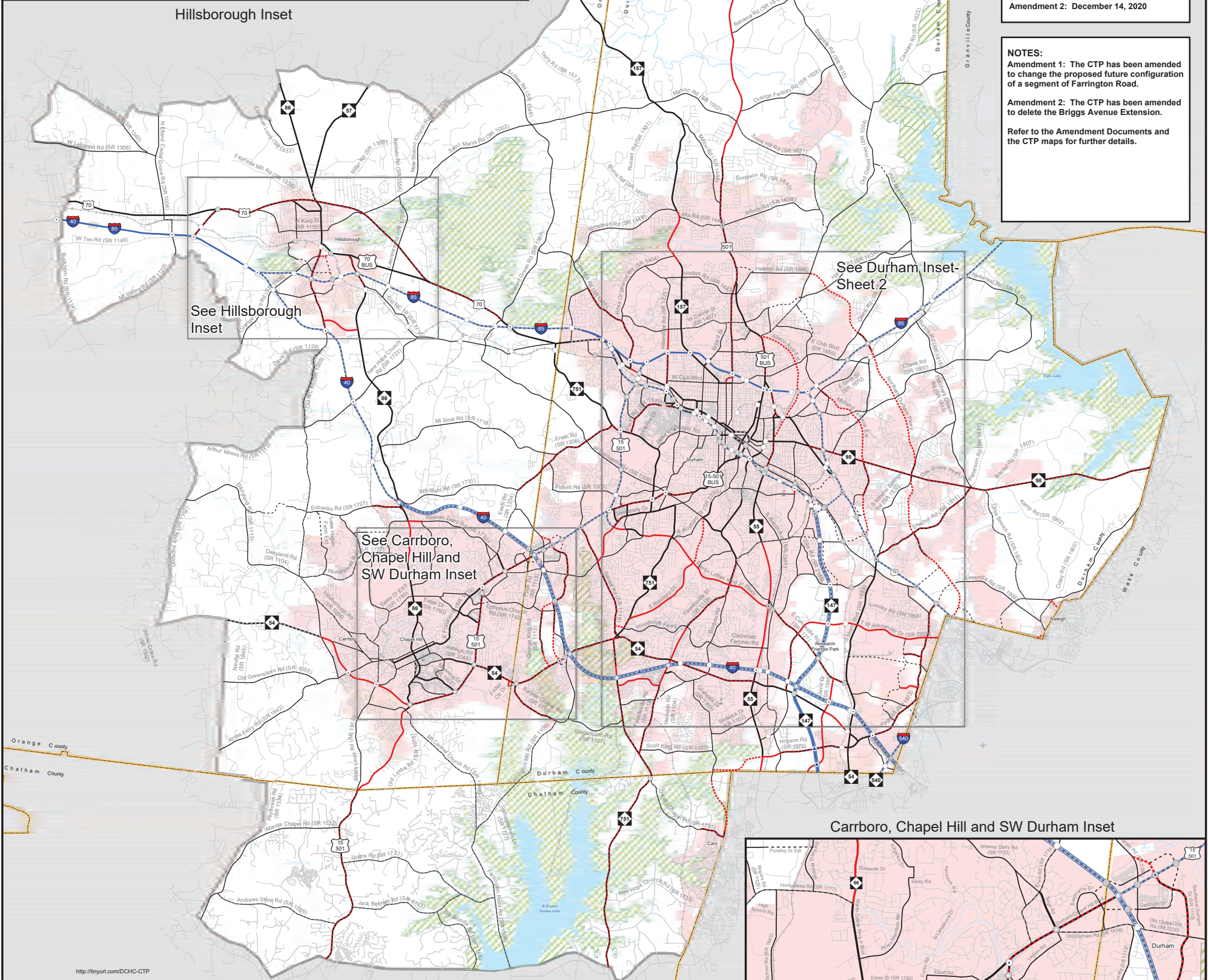
Recommended by:

Transportation Planning Division
Date: May 26, 2017
Amendment 1: NA
Amendment 2: December 14, 2020

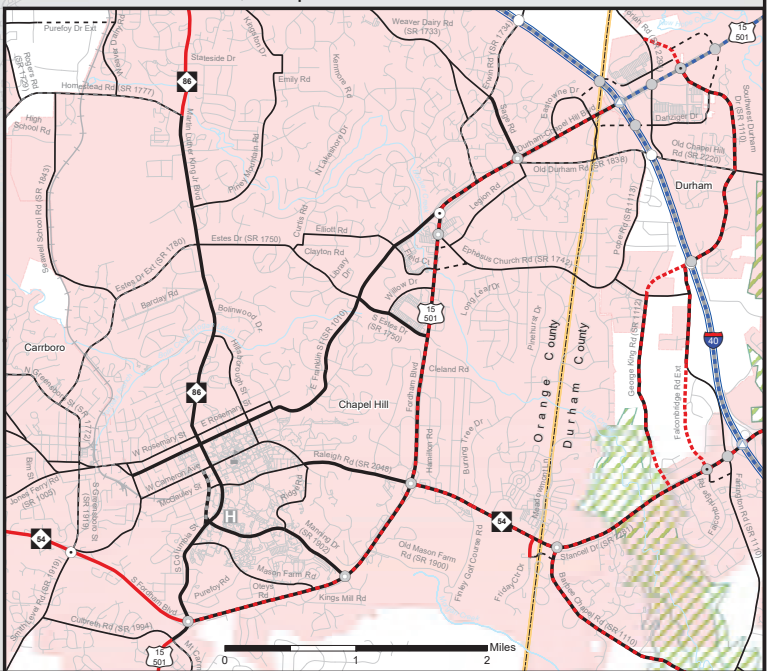
NOTES:
Amendment 1: The CTP has been amended to change the proposed future configuration of a segment of Farrington Road.
Amendment 2: The CTP has been amended to delete the Briggs Avenue Extension.
Refer to the Amendment Documents and the CTP maps for further details.



Hillsborough Inset



Carrboro, Chapel Hill and SW Durham Inset



Note: The Strategic Transportation Investments (STI) law (House Bill 817) establishes design elements that emphasize safety, mobility, complete streets, and accessibility for multiple modes of travel. The "typical" highway cross sections used in this CTP were updated on May 5, 2014 in response to STI law.

NCDOT's Complete Streets Policy "requires that NCDOT's planners and designers will consider and incorporate multimodal alternatives in the design and improvement of all appropriate transportation projects within a growth area of a town or city unless exceptional circumstances exist." (For more information on Complete Streets, go to <http://www.completestreetsnc.org/>).

Note: The concepts shown on a CTP are for planning purposes and are subject to change. These concepts will need additional analysis to meet state and federal environmental regulations, to determine final locations and designs, and to be funded for implementation. Local zoning or subdivision ordinances may require the dedication of right of way based on the concepts shown on the CTP and local collector street plans, based on N.C.G.S. § 136-66.2 and § 136-66.10.

Sheet 1 Adoption Sheet and Highway Map

Sheet 2 Highway Map Inset

Sheet 3 Public Transportation and Rail Map

Sheet 4 Bicycle and Pedestrian Map

Sheet 5 Bicycle and Pedestrian Map Inset

Legend

Schools

Airports

Hospitals

Railroads

Roads

County Boundaries

Rivers and Streams

Water Bodies

Parks and Gamelands

Municipalities

MPO Boundaries

Freeways

Existing

Needs Improvement

Recommended

Freeways with Managed Lanes

Existing

Needs Improvement

Recommended

Expressways

Existing

Needs Improvement

Recommended

Boulevards

Existing

Needs Improvement

Recommended

Other Major Thoroughfares

Existing

Needs Improvement

Recommended

Minor Thoroughfares

Existing

Needs Improvement

Recommended

Interchanges (or Intersections)

Existing

Needs Improvement

Recommended

Grade Separations

Existing

Needs Improvement

Recommended

Interchanges with Managed Lanes Access

Existing

Needs Improvement

Recommended

0 1 2 Miles

Sheet 1 of 5

Base map date: December 14, 2016
Refer to CTP document for more details

Adoption Sheet/ Highway Map

RECOMMENDED

Durham-Chapel Hill-Carrboro MPO

Comprehensive Transportation Plan

Plan date: December 9, 2020

NORTH CAROLINA BOARD OF TRANSPORTATION

There will be no Item V submitted to the Board for approval at the January 7, 2021, Board meeting.

Committee Reports

Audit Committee – Committee Chair Perkins provided a summary of the committee's meeting topics that included an update from Mary Morton, Inspector General. Ms. Morton provided a summary overview of the purpose, findings and recommendations from the Highway Division Contracts Pre-Award Process audit completed. The Highway Division is working to implement recommendations from the audit to improve internal control processes within Divisions. Committee expressed concerns regarding the data presented on minority business participation and discussed a path forward to addressing the need to increase minority business participation in agency contracts which includes engaging our Civil Rights Office in the process.

- The following audits are in the final stages and on target for completion by month's end – Heavy Equipment Utilization, State Planning & Research RPO and Powell Bill.
- Planning is now in progress for the Highway Construction – Change Management and CARES Act audit engagements.

Road Naming Committee – Committee Chair Fox provided a summary of the committee's meeting topics that included an approval of one road designation request to bring forward to the full board in February:

- Lieutenant Governor Walter H Dalton Highway – US 74 from Rutherford/Polk County Line to Exit 178 in Rutherford County

Kevin Lacy discussed extension of the limits of an existing naming to accommodate a road project. Since the Board of Transportation already approved the designation, Kevin proposed extending the designation limits and moving the existing signs. This would save having to design a new sign and supports that will work within the new project. All that would be required is informing the Board of Transportation of the new designation limits.

A request for honorary designation of NC 107N from Moody Bridge Road (SR 1172) to Old Cullowhee Road (SR 1002) in Jackson County as the Conrad G Burrell Highway did not receive unanimous support by local Government. Chairman Fox, Co-Chair Perkins and Board Member Cody all agreed to move forward with bringing the packet to the Committee as an exception.

The committee may receive a request for exception to one-year waiting period for an officer recently killed in the line of duty in the Charlotte area.

The committee may receive a request for naming of a facility on a toll road. A meeting with the committee and the Turnpike Authority will be scheduled to discuss.

Highways Committee – Committee Chair Tarleton provided a summary of the committee's meeting topics that included two presentations. Mr. David Harris, State Roadside Environmental Engineer, provided a presentation on the Department's Roadside Environmental Program. The Roadside Environmental Unit is responsible for managing roadside vegetation through mowing, litter management, trimming around signs and guardrails, brush and tree trimming, invasive weed control, aesthetics, and rest areas. The Roadside Environmental Unit uses various programs to help with litter management including adopt-a-highway, sponsor-a-highway, contractor litter crews, sheriff offices, DOT crews, public education, and anti-littering campaigns. Their other areas of responsibilities include environmental compliance, stormwater management, and environmental remediation. The aesthetics they manage include the wildflower program, daylily program, ornamental beds, and aesthetic engineering. There are 9 Welcome Centers and 58 Rest Areas maintained by the Roadside Environmental Unit. Their responsibilities with environmental compliance include the erosion and sediment control program and 401 & 404 permit compliance. With environmental remediation, the Roadside Environmental Unit is involved with the remediation of hazardous materials, groundwater cleanup and underground storage tanks.

Funding for Roadside Management activities was down in 2020, due to the impacts of storms and the pandemic. In 2021, Roadside plans to increase management activities from those in 2020; however, the level of management will be down from 2018 and 2019 levels.

The second presentation heard by the Highways Committee was from Mr. Brian Hanks, State Structures Engineer, who provided an update on the Department's Bridge Program. State Funding of the Bridge Program has increased from \$150M in 2015 to \$273M in 2021. Preservation funds were added in 2018 through 2021. The bridge conditions have improved from 2014 to current, going from 16.4% deficient to 8.6% deficient. The designation of deficient does not mean a bridge is unsafe. Instead, it means that the bridge components are deteriorating. There are 3 areas of the bridge that are evaluated in making this determination – the riding surface, the support beams, and the foundations. Deficient bridges are prioritized using the Priority Replacement Index (PRI). Bridges are scored based on performance measures including the bridge condition, average daily traffic and the sufficiency rating and deficiency points. The score determines whether the structure is a very good candidate for replacement. The PRI score is used by Structures Management and the Divisions to develop the 5-year Bridge Maintenance Improvement Plan.

The High Value Bridge Preservation program includes over 200 bridges statewide that have replacement costs ranging from \$20M to \$400M. The total replacement costs of these bridges total \$9B. The Department has determined that these high value bridges may be maintained to good condition for \$300M. These bridges must be maintained as replacement costs are too great.

In summary, the Department is making progress toward goals. There needs to be a focus on Interstate and Primary system structures. Replacement projects are addressing deficient bridges. Preservation assists with extending bridge service life and slowing the number of bridges becoming deficient.

Multi-Modal Committee – Committee Chair Moran provided a summary of the committee's meeting topics that included two presentations. Ben Spain, Division of Aviation, UAS Program Manager gave a presentation on Innovative Work in the Unmanned Aircraft Systems (UAS) Space. Ryan Brumfield, Integrated Mobility Division, Innovations and Data Branch Manager gave a presentation on Rural Microtransit Pilot.

Finance Committee – Committee Chair Lathrop provided summary of the committee's meeting topics that included remarks from Mr. Dale R. Folwell, CPA, State Treasurer. A presentation from Sharon Edmundson, Director of the SLGFD and Secretary of the Local Government Commission, Lewis Andrews, State Treasurer's Office on Build NC from State Perspective. David Miller, Managing Director PFM Financial Advisors, LLC gave a presentation on the Bonding Basics to the committee. Stephanie King, CFO gave an update on the Overview of Draft Debt Management Policy and Financial & Spend Plan Status.

Advanced Technologies Committee – Committee Chair Zimmer provided a summary of the committee's meeting topics that included a presentation. JJ Eden, NC Turnpike Executive Director gave a presentation on Transformational Technology in Transportation.

The Chairman reminded members of the Board that the next meeting is scheduled for February 3-4, 2021.

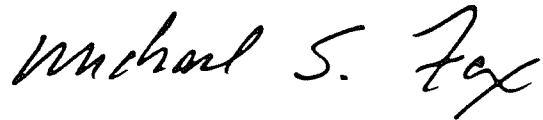
Adjournment

There being no further business of the Board, Chairman Fox accepted a motion from Board Member Tillman, seconded by Board Member Overholt.

Chairman Fox shared that he will now conduct a roll call vote on the action item under consideration. When I say your name, please say either yes ("aye") to indicate yes or if opposed, please say "no".

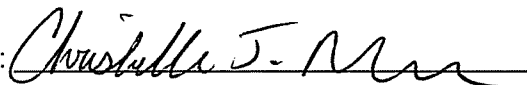
Chairman Fox, Vice-Chair Perkins, Moran, Taft, Overholt, Zimmer, Mitchell, Jordan, Hunt, Mathis, Tillman, Lathrop, Rosenburgh, Tarleton, Lail, Wells, Clarke, McGrady and Cody all voted yes to adjourn.

The meeting adjourned at 10:06 am.



Chairman Fox

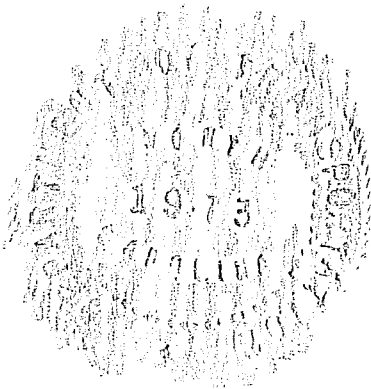
North Carolina Board of Transportation



Attest:

Secretary to the Board of Transportation

Dated this day 7th January 2021.





NORTH CAROLINA Department of Transportation



Roadside Environmental

David Harris, PE

State Roadside Environmental Engineer

January 6, 2021

Roadside Environmental Unit

- Roadside Management
- Environmental Compliance
- Aesthetics
- Rest Areas
- Stormwater
- Environmental Remediation



Roadside Management

- Mowing
- Litter Management
- Trimming (Signs & Guardrails)
- Brush and Tree
- Invasive Weed Control
- Aesthetics
- Rest Areas



Aesthetics

- Wildflower Program
- Daylily Program
- Ornamental Beds
- Aesthetic Engineering



Aesthetics

- Wildflower Program
- Daylily Program
- Ornamental Beds
- Aesthetic Engineering



Aesthetics

- Wildflower Program
- Daylily Program
- Ornamental Beds
- Aesthetic Engineering



Rest Areas

- 9 Welcome Centers
- 60 Rest Area Facilities

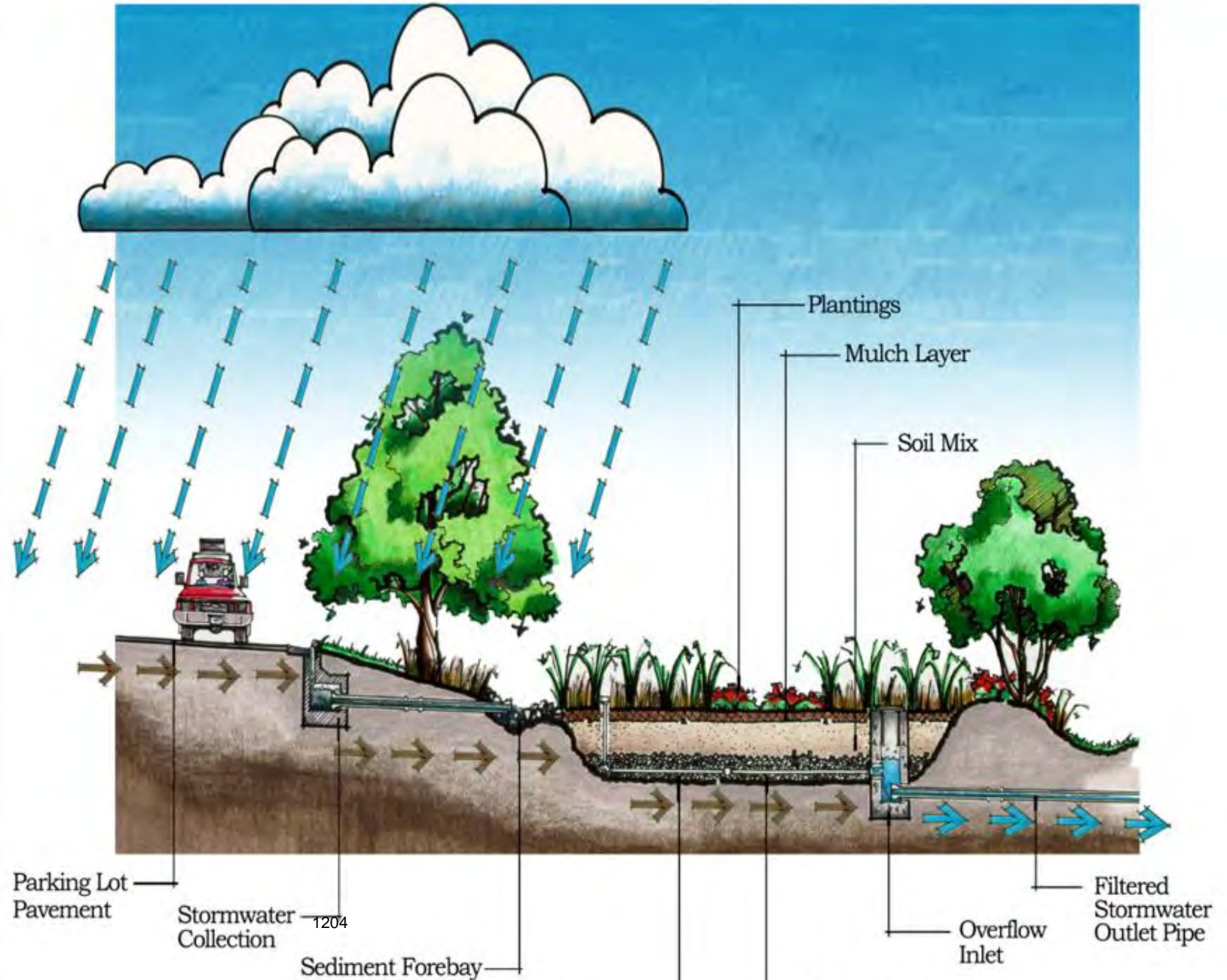


Environmental Compliance

- Erosion and Sediment Control Program
- 401 & 404 Permit Compliance



Stormwater



Environmental Remediation

- Hazardous Materials
- Groundwater Cleanup
- Underground Storage Tanks



Roadside Management



2018 Roadside Management

- Legislature authorized a portion of the of the Departments funds to be used for Roadside Management Activities.
- \$104 Million



2018 Roadside Management

- Contracts Adjusted
- Increased Cycles
- Met with Roadside Management Industry
- Focused target dates on the Holidays
- Divisions synchronized their work.



2019 Roadside Management

- Mowing 6 Cycles
- Litter 12 – 24 Cycles
- Trimming around signs, guardrails, and Bridges
- Landscape Beds Maintained
- Brush and Tree Managed
- Rest Areas Maintained



Roadside Management

- Memorial Day
- July 4th
- Labor Day
- Thanksgiving
- Litter Cleanup 12 Months



2019 Roadside Management

Roadside Management	2019
Mowing Operations	\$41,639,811
Brush and Tree	\$35,115,633
Litter Management	\$18,564,873
Rest Areas	\$15,741,692
Trimming around Stationary Objects	\$8,395,961
Landscape Plant Bed Maintenance	\$6,624,412
Turf Management	\$1,724,480
Grand Total	\$127,806,863

Roadside Management Goals Achieved



2020 Roadside Management

- Mowing 3 Cycles
- Litter 0 – 6 Cycles
- Stationary Objects
- Landscape Beds Maintained
- Brush and Tree







2020 Roadside Management

Roadside Management	2019	2020
Mowing Operations	\$41,639,811	\$28,311,022
Brush and Tree	\$35,115,633	\$7,943,103
Litter Management	\$18,564,873	\$9,335,473
Rest Areas	\$15,741,692	\$13,972,968
Trimming around Stationary Objects	\$8,395,961	\$4,121,664
Landscape Plant Bed Maintenance	\$6,624,412	\$3,062,775
Turf Management	\$1,724,480	\$427,306
Grand Total	\$127,806,863	\$67,174,313



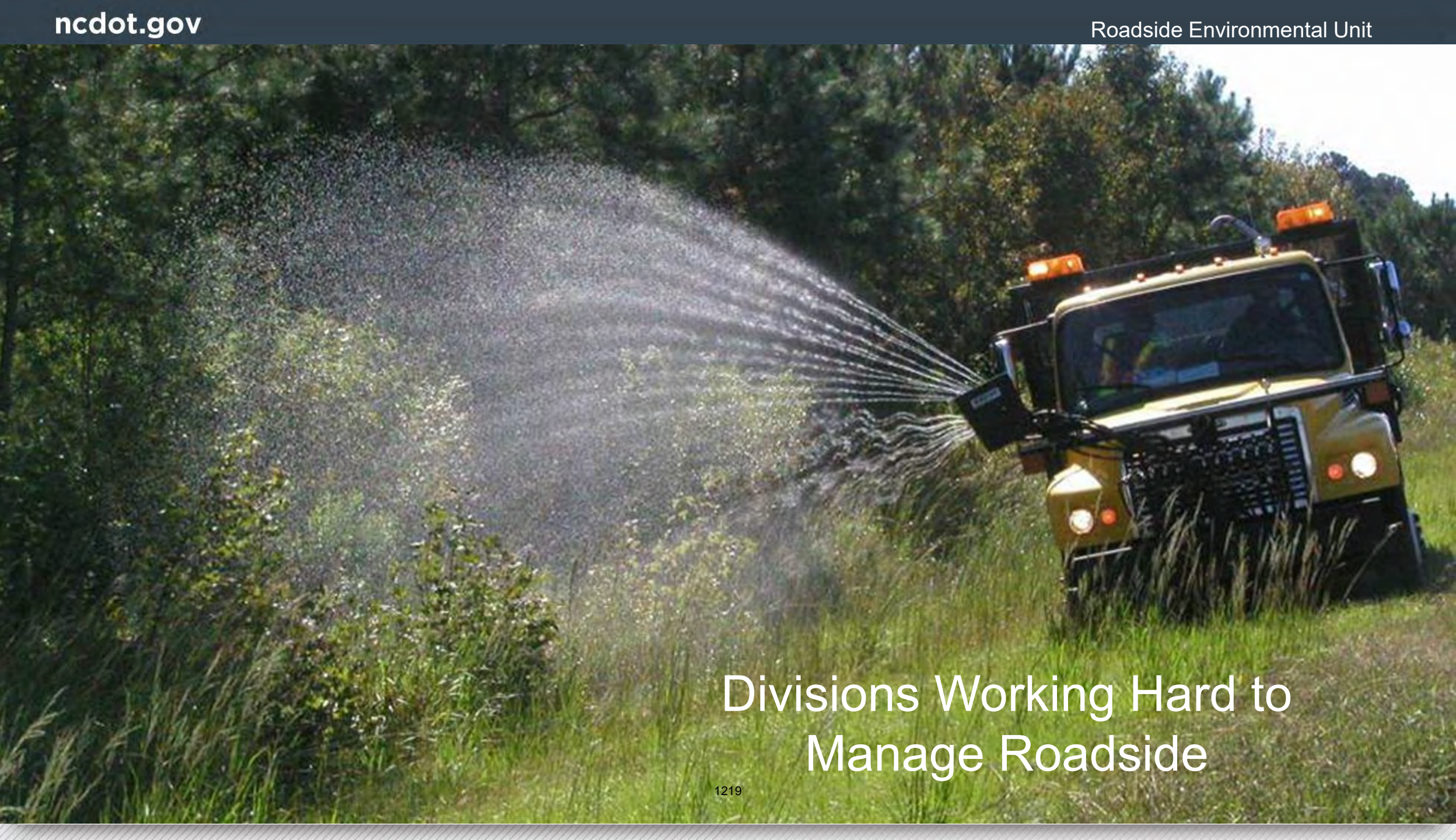
2021 Roadside Management

- Mowing 4 Cycles
- Litter 6 - 8 Cycles
- Trimming around signs, guardrails, and Bridges
- Landscape Beds
- Brush and Tree
- Rest Areas
- Turf Management

2021 Roadside Management

- Reality
 - \$90 Million
Allocation
- Roadside Needs
 - \$140 Million





Divisions Working Hard to
Manage Roadside



Litter Management

- Adopt A- Highway
- Sponsor-A-Highway
- Contractor Litter Crews
- Sherriff Offices
- DOT Crews
- Public Education
- Anti-Littering Campaigns – PIO Office



2021 Roadside Management

- Wildflower Program
- Personal License Plate Funds
- \$1.4 Million/Year



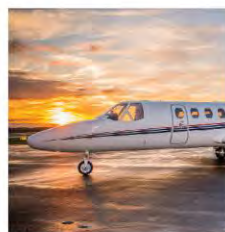




David B Harris, PE
State Roadside Environmental Engineer
davidharris@ncdot.gov



NORTH CAROLINA Department of Transportation



Bridge Program Update

Brian Hanks, PE

January 6, 2021

Overview

- State Bridge Program Funding
- Bridge Condition Update
- Bridge Replacement Selection Process
- High Value Bridge Preservation
- Future Preservation Project

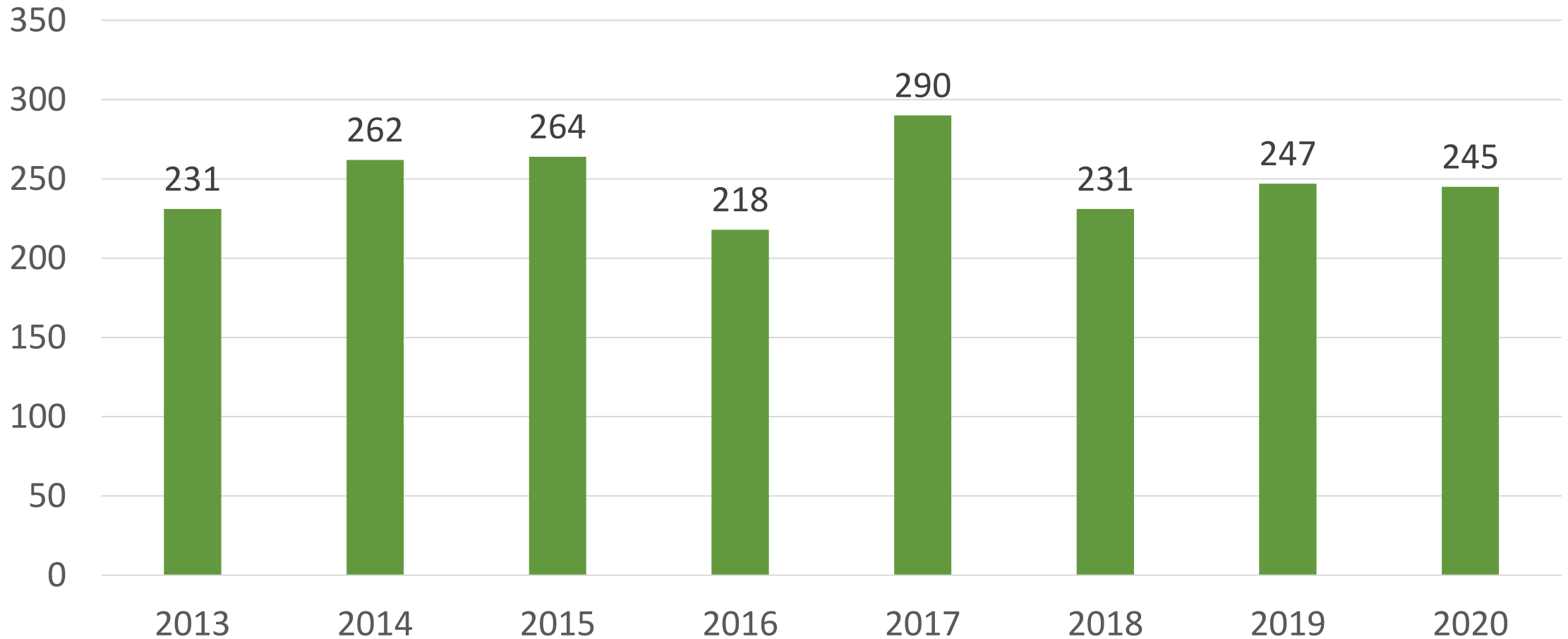
State Bridge Program Funding

Program	2015	2016	2017	2018	2019	2020	2021
Bridge Program	\$150M	\$242M	\$242M	\$280M	\$272M	\$201M	\$273M
Bridge Preservation	-	-	-	\$80M	\$82M	\$76M	\$60M

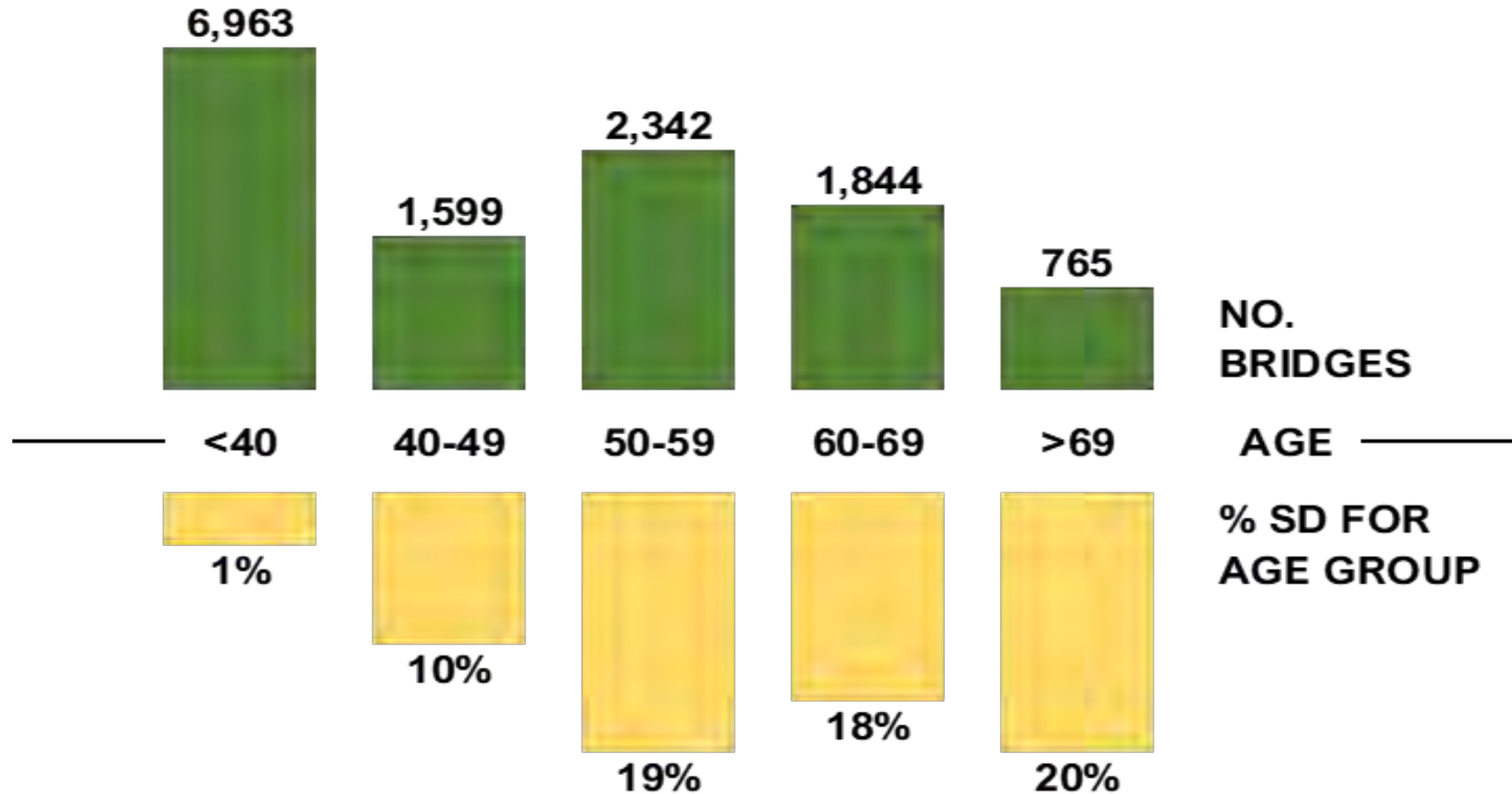
Bridge Condition Update

GOALS			2014			CURRENT		
10% Deficient			16.4% Deficient			8.6% Deficient		
2%	6%	15%	4%	9%	21%	3%	6%	11%
Interstate	Primary	Secondary	Interstate	Primary	Secondary	Interstate	Primary	Secondary

New Deficient Bridges 2013-2020



Bridge Age vs. Percent Deficient



Bridge Replacement Selection Process

- Deficient bridges are prioritized using the Priority Replacement Index (PRI)
- PRI – score given to each bridge that is dependent on performance measures
 - Condition (Deck, Beams, Foundation)
 - Average Daily Traffic
 - Sufficiency Rating & Deficiency Points
- PRI Score Range (0 – 120)
 - 0 – 29 “Candidate”
 - 30 – 49 “Good Candidate”
 - 50 and higher “Very Good Candidate”

Bridge Replacement Selection Process

- PRI used by Structures Management and Divisions as a guide to develop the 5-year Bridge Maintenance Improvement Plan (BMIP)
- Structures Management - bridges on the Interstate & Primary Systems
- Divisions – bridges on the Secondary System
- Structures Management and Divisions coordinate project schedules to address critical needs and avoid conflicts with other projects.

High Value Bridge Preservation

Replacement Costs Between
\$20M & \$400M

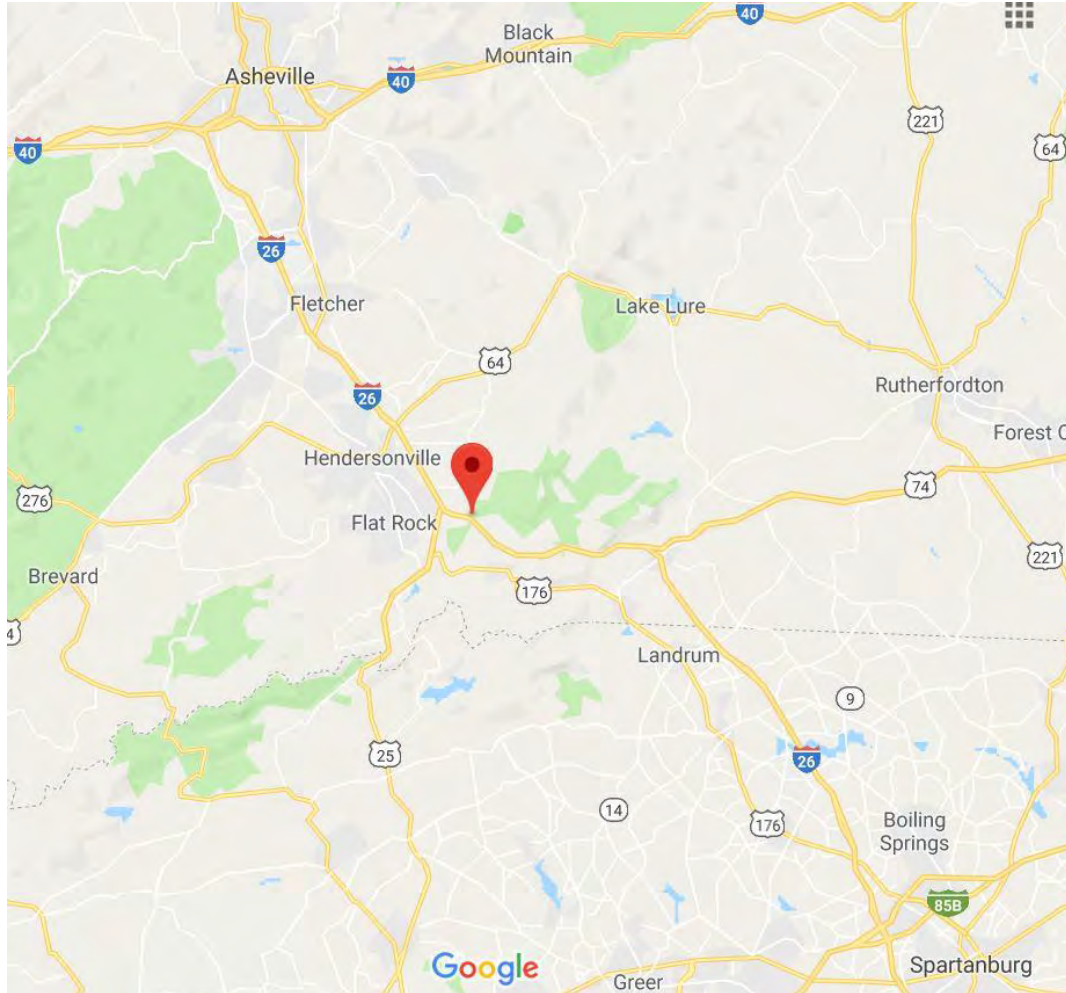
Over **200** bridges

Total Replacement Costs:
over **\$9 Billion**

Total Preservation Needs:
\$300M to maintain good
condition or prevent
becoming deficient



Future Preservation Project



I-26 over Green River Gorge – Built in 1968

Dual bridges connecting Greenville, SC and points South and East to Asheville, Tennessee, and points North and West

Average Daily Traffic: 17,500 (23% Trucks)

Current Condition: Fair with Poor riding surface

Future Preservation Project

Second Tallest Bridge(s) in North Carolina

Estimated Replacement Cost: \$60M

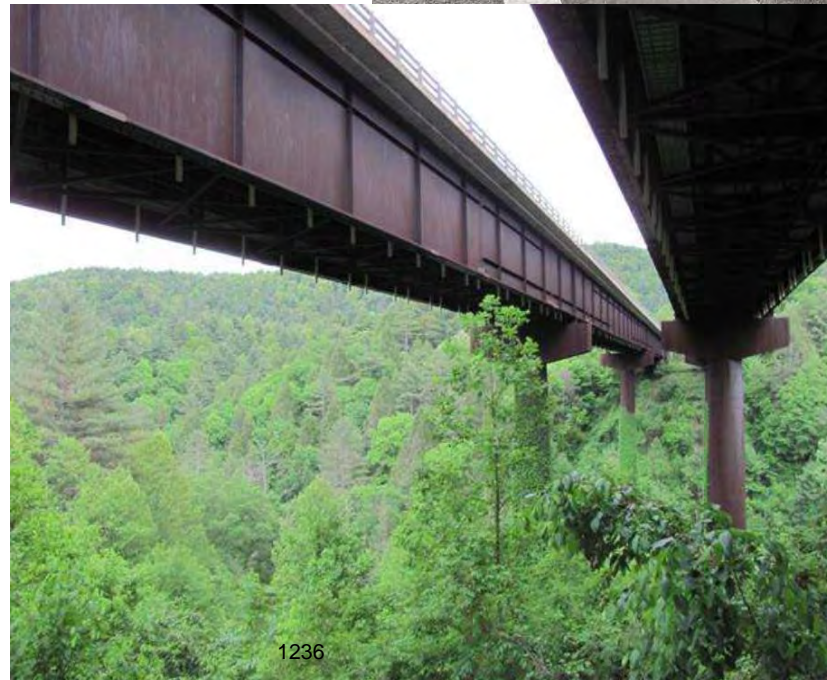
Preservation Project Cost: \$14M

Preservation Needs:

- New bridge deck (widen and connect bridge decks)
- New barrier rails
- Steel beam repairs & painting
- Foundation upgrades

Preservation Results:

- Restore to Good Condition
- 50+ year life extension



Summary

- Making progress toward goals
- Need to focus on Interstate & Primary system
- Replacement projects addressing deficient bridges
- Preservation assists with:
 - Extending bridge service life
 - Slowing the number of bridges becoming deficient



NORTH CAROLINA
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Innovative Work in the UAS Space

Ben Spain, UAS Program Manager
Division of Aviation

January 6, 2021

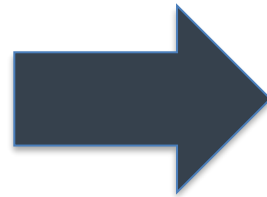
UAS Program at a Glance

- Within Division of Aviation
- Rapidly Growing
 - 3 Full Time Employees
 - 28 Certified Pilots
 - 20 Drones
- National leader



What do we want?

- Keep North Carolina “First in Flight”
- Provide our citizens safe, efficient transportation infrastructure
 - Support traditional modes of transportation (roads, rail, etc.)
 - Support developing modes of transportation (drones, urban air mobility)



NCDOT – Our Drone Operations

We've tried a lot of things...

- Wetlands Mapping
- Submerged aquatic vegetation monitoring
- Bridge inspections
- Endangered and threatened species monitoring
- Erosion Control Monitoring
- Landslide Modeling
- Traffic accident scene capture/modeling
- Earthworks modelling and measuring
- Wildflower site planning
- Construction site monitoring
- Hurricane damage assessments
- Sign Inspections



Time to Focus...

- Need:
 - Statewide applicability
 - Ease of Use
- Chose two things:
 - Bridges (Structures Management)
 - Earthworks (Locations & Surveys)
- Routine use leads to ancillary benefits (hurricane response)



Developing New Infrastructure



Advanced Air Mobility (AAM) Mission



1244

Develop validated AAM System Architectures that define a safe, certifiable, and scalable system

What do we need to unlock potential?

- Beyond Visual Line of Sight (BVLOS) Technology (hardware)
- Unmanned Traffic Management (software)
- Regulatory Advancement
- New physical infrastructure



LEADING THE WAY

FAA UAS Integration Pilot Program

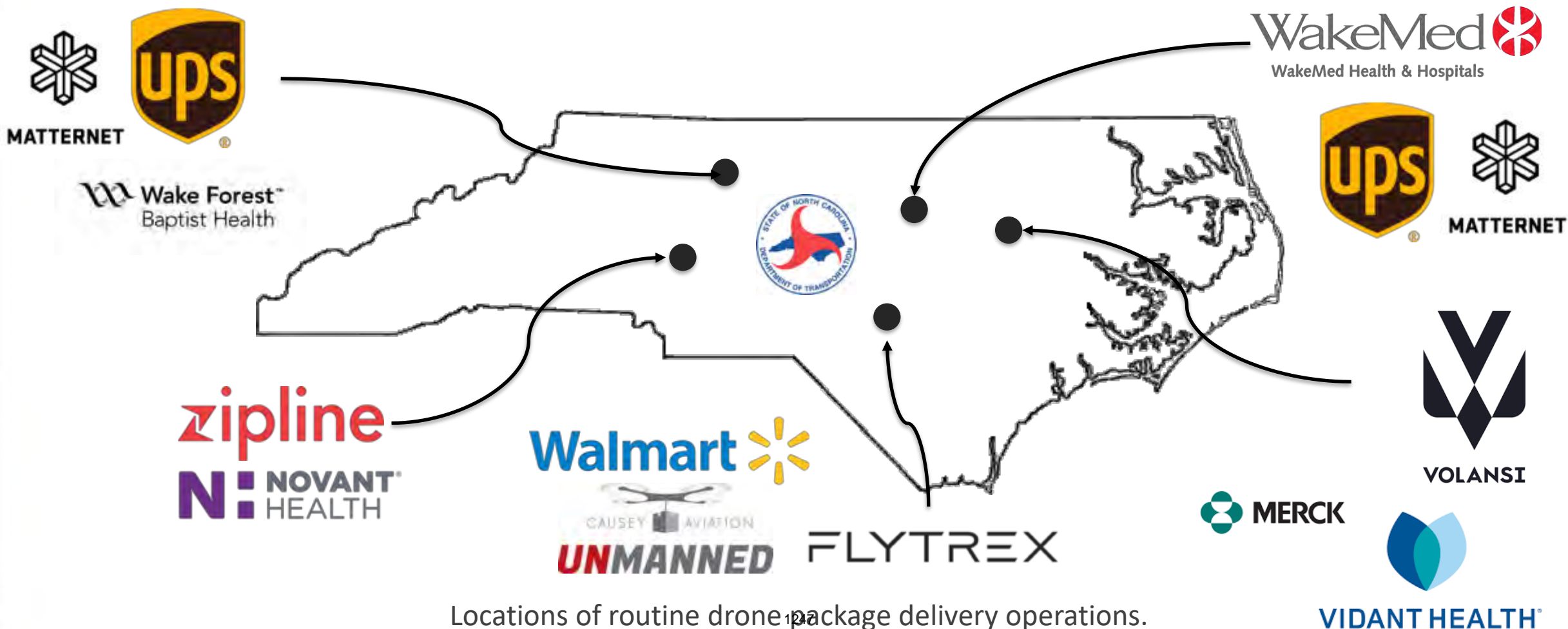
North Carolina's Participation

- Tests local UAS package delivery within rural, suburban and urban areas in North Carolina
- Focus:
 - Medical package delivery
 - Food delivery
 - Transportation infrastructure inspection



LEADING THE WAY

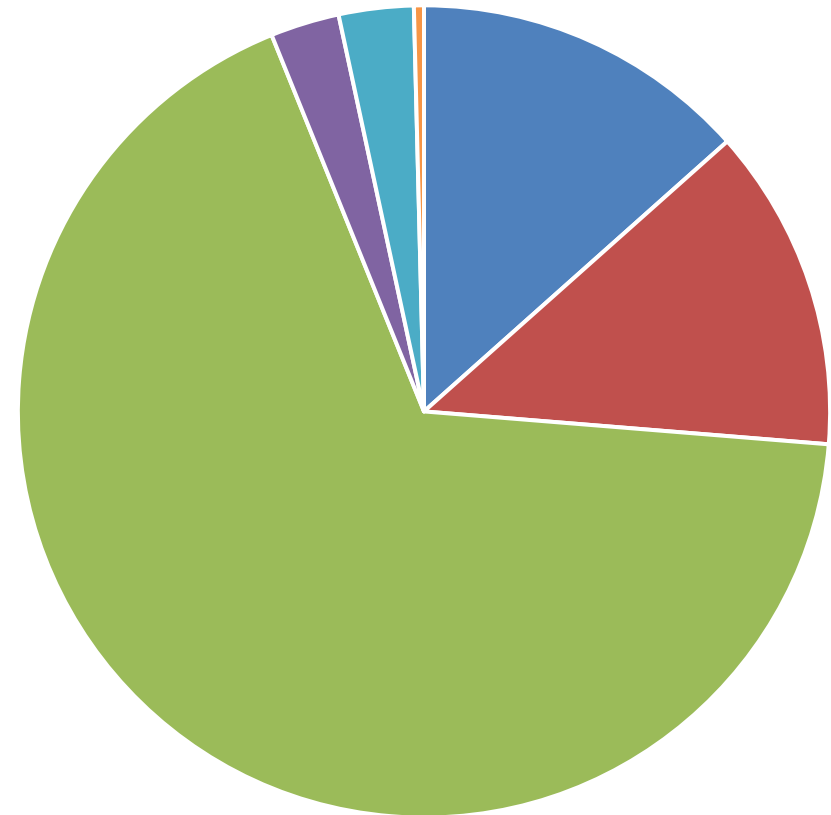
FAA UAS Integration Pilot Program



Locations of routine drone package delivery operations.

Flights Totals

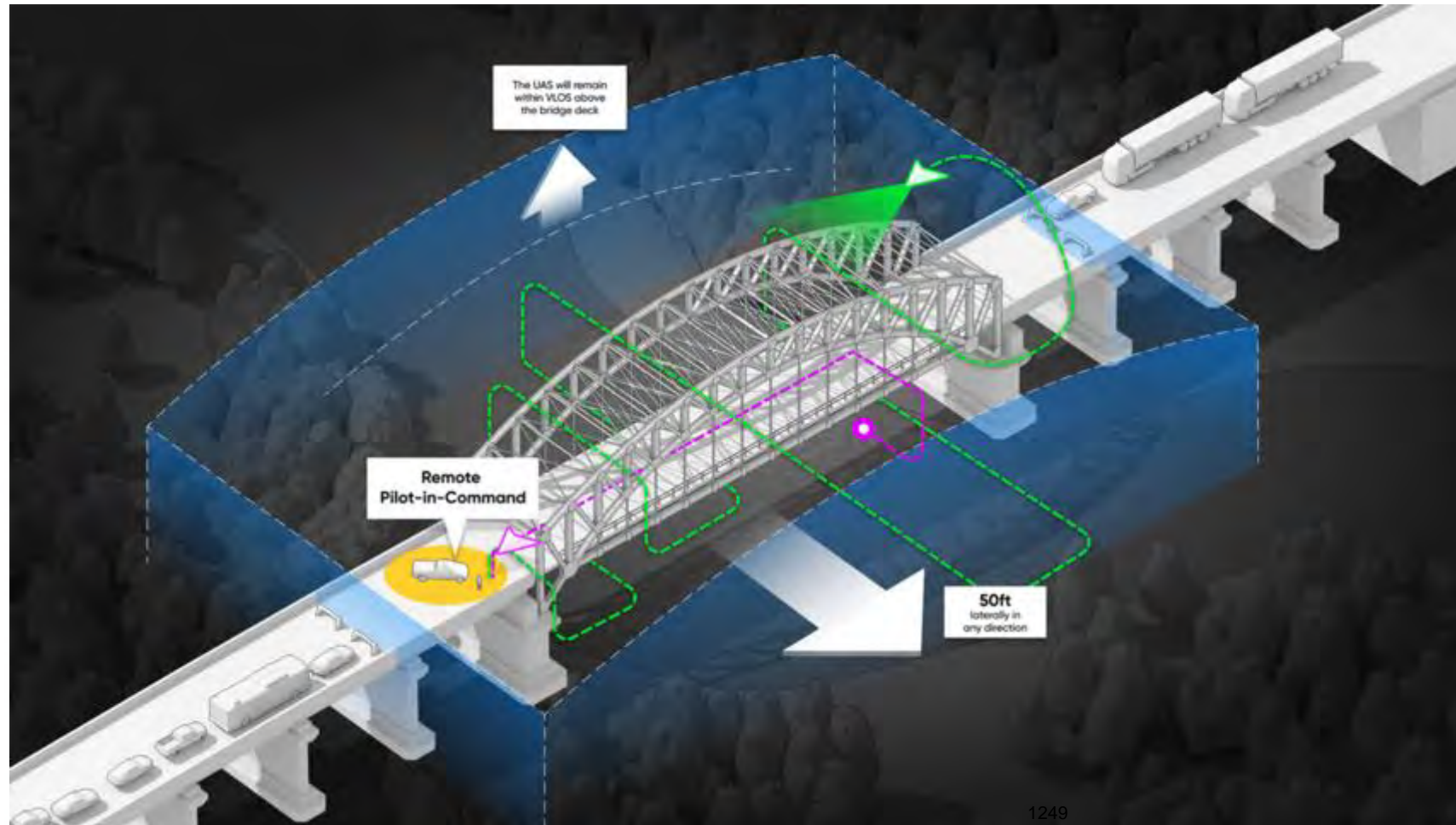
- 12,792 flights conducted under NC UAS IPP
- Medical package delivery focus accounted for 94% of operations
- Operations both under Part 135 and Part 107



■ Matternet ■ UPS ■ Zipline ■ Flytrex ■ NCDOT ■ Volansi

BVLOS Bridge Inspection

STATEWIDE IN NC



Next Step: BEYOND

- Focus on BVLOS applications to:
 - Package Delivery
 - Public Safety
 - Infrastructure Inspection
- No clear path forward for non-cooperative detection





NORTH CAROLINA

Department of Transportation



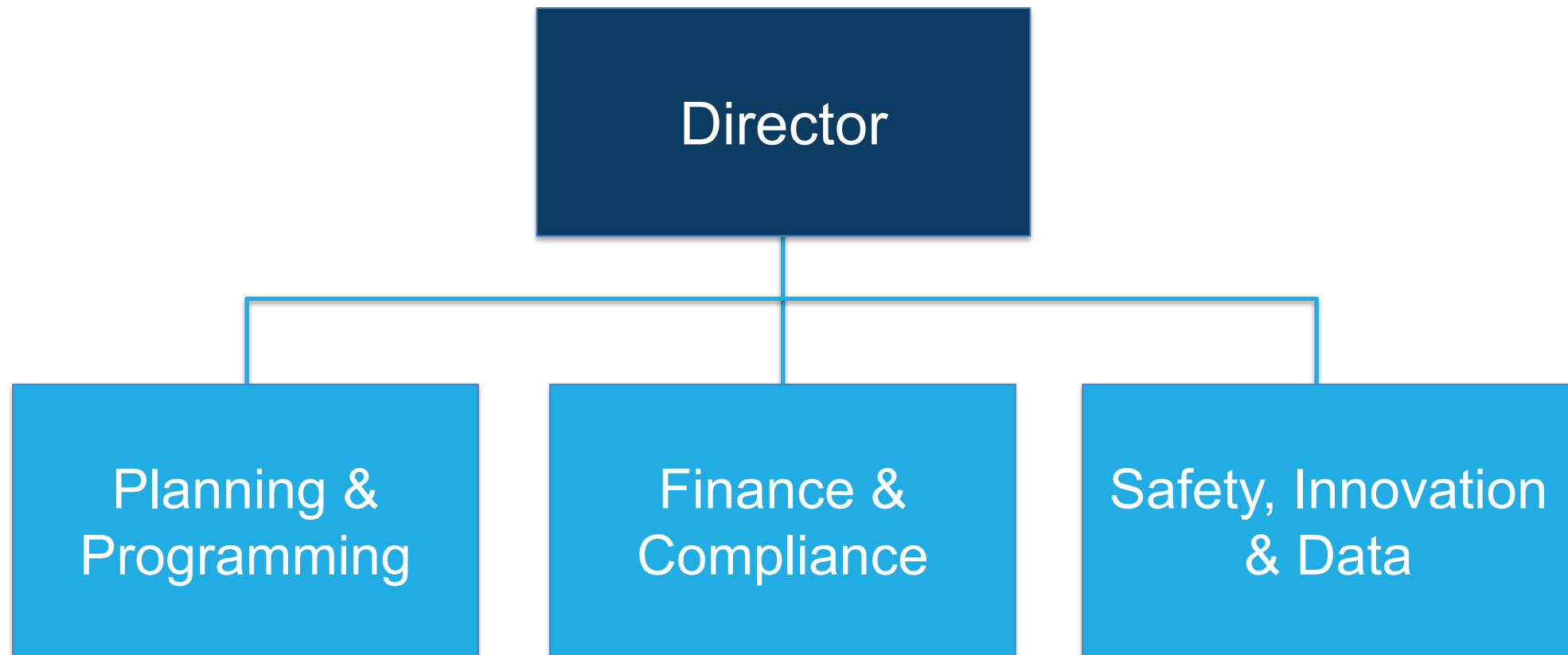
Rural Microtransit Pilot

Ryan Brumfield
Integrated Mobility Division
January 6, 2021

The Landscape of Mobility is Changing



Integrated Mobility Division Organization





Safety, Innovation and Data Branch

- Innovative pilots, new technology deployment, thought leader on emerging mobility trends
- Transit, bike and ped safety, education and training
- Data collection and analysis
- Research studies



Integrated Mobility Leads in COVID Response through NC Transit Cares



Through surveys and virtual meetings, gathered input from transit systems about impacts of COVID-19, unique ideas to respond and recover, and innovative solutions to long-term challenges

1

Keeping passengers and employees safe and healthy

2

Increasing and maintaining ridership levels

3

Restoring revenue and funding lost due to COVID-19

4

Moving to new service models as needs evolve

Research grant being submitted by NCDOT, UNC and Johns Hopkins to FTA's COVID-19 Research Demonstration Grant Program to aid NC transit agencies in effective indoor air management.

Innovation Process

1. Understand emerging mobility trends and challenges
2. Develop ideas
3. Secure grant funding
4. Pilot innovations
5. Deploy broadly and disseminate best practices

Recent Examples



Mobility for All
Project

Wilson
Microtransit



HOPE Grant –
electric vehicle
deployment

Multimodal Innovations Webinar Series



2020

Oct. 21

Microtransit featuring
Wilson and Via

Nov. 12

The Bicycle and
Pedestrian Explosion in
COVID: What is the
data showing and how
can we maintain it?

Dec. 15

Non-Motorized Policies and
Programs

2021

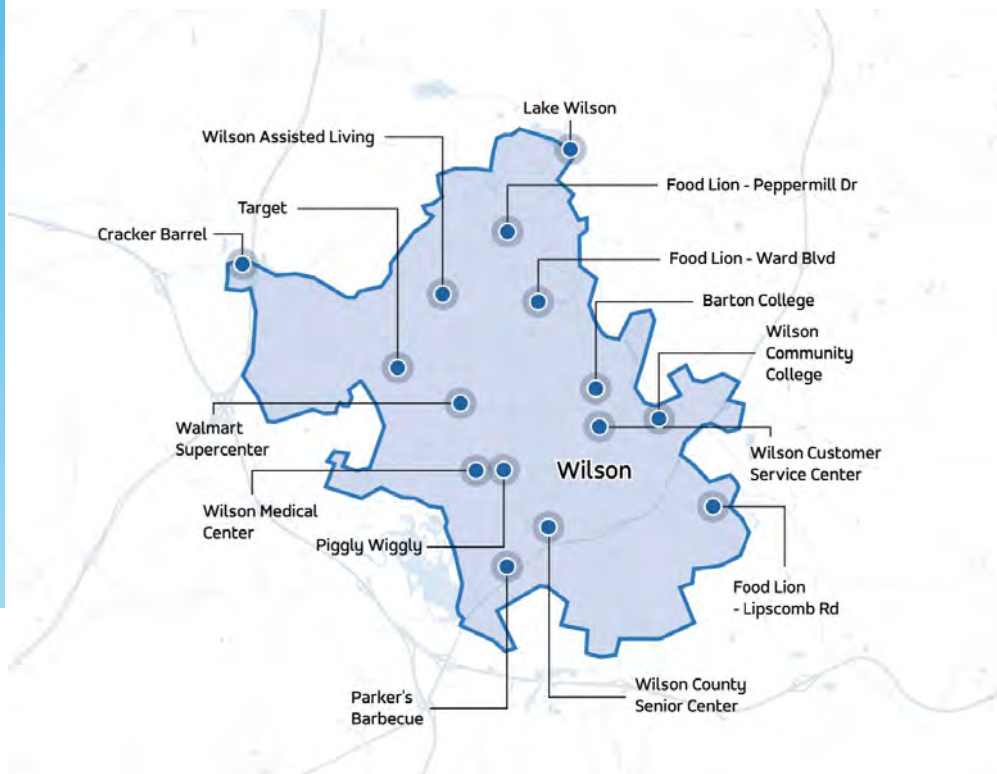
Jan. 26

Leveraging new rail access and transit-oriented development to spur
economic growth



Case Study: Wilson Microtransit

Paving the way for economic mobility in a rural community



"We believe RIDE will not only provide a better service for current transit riders, it creates a new, convenient, and modern transportation option anyone can access."

—Grant Goings, City Manager

Wilson's Goals

Drive economic growth by connecting Wilsonians with more jobs

Improve access to critical resources - healthcare, food, government, fixed route transit, etc.

Grow ridership with convenient and tech-enabled experience

Deliver a higher quality of service for comparable cost to today's fixed route

Ability to experiment with minimal long term capital investment or risk



Innovative Solution



6 DAYS A WEEK

mon - sat
7am - 6pm

SEPT 1
launch

FLAT FARES

\$1.50 base price
+ 1s - \$1
children under 8 free
select seniors free
disabled id card holders 1/2 fare

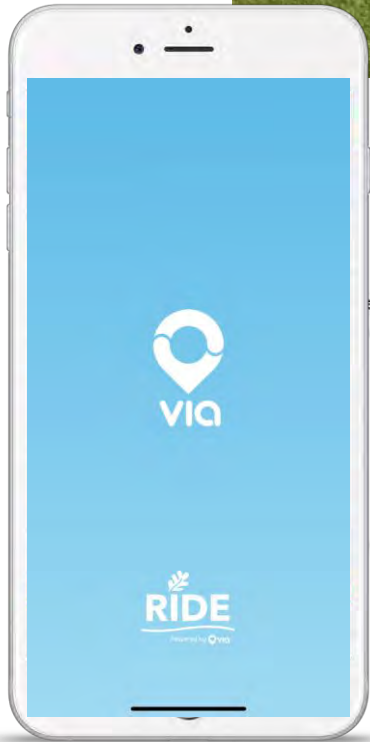
No more waiting for the bus.

Book rides on your phone on the app or by calling in.
Get a ride within minutes.

First 10 rides in September are free!

What looks different:

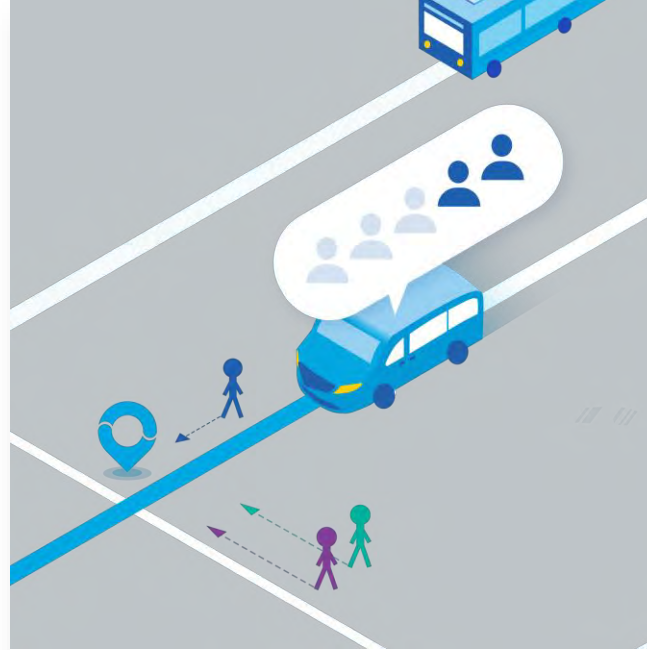
- Service throughout the entire city
- 15 minute wait times
- Customized rider accounts
- Booking through an app
- On-demand – no more bus stops
- Smaller, branded vans
- Credit card & voucher payment



How the technology works: smart rides with virtual stops.



**Pairs riders
traveling along the
same path**

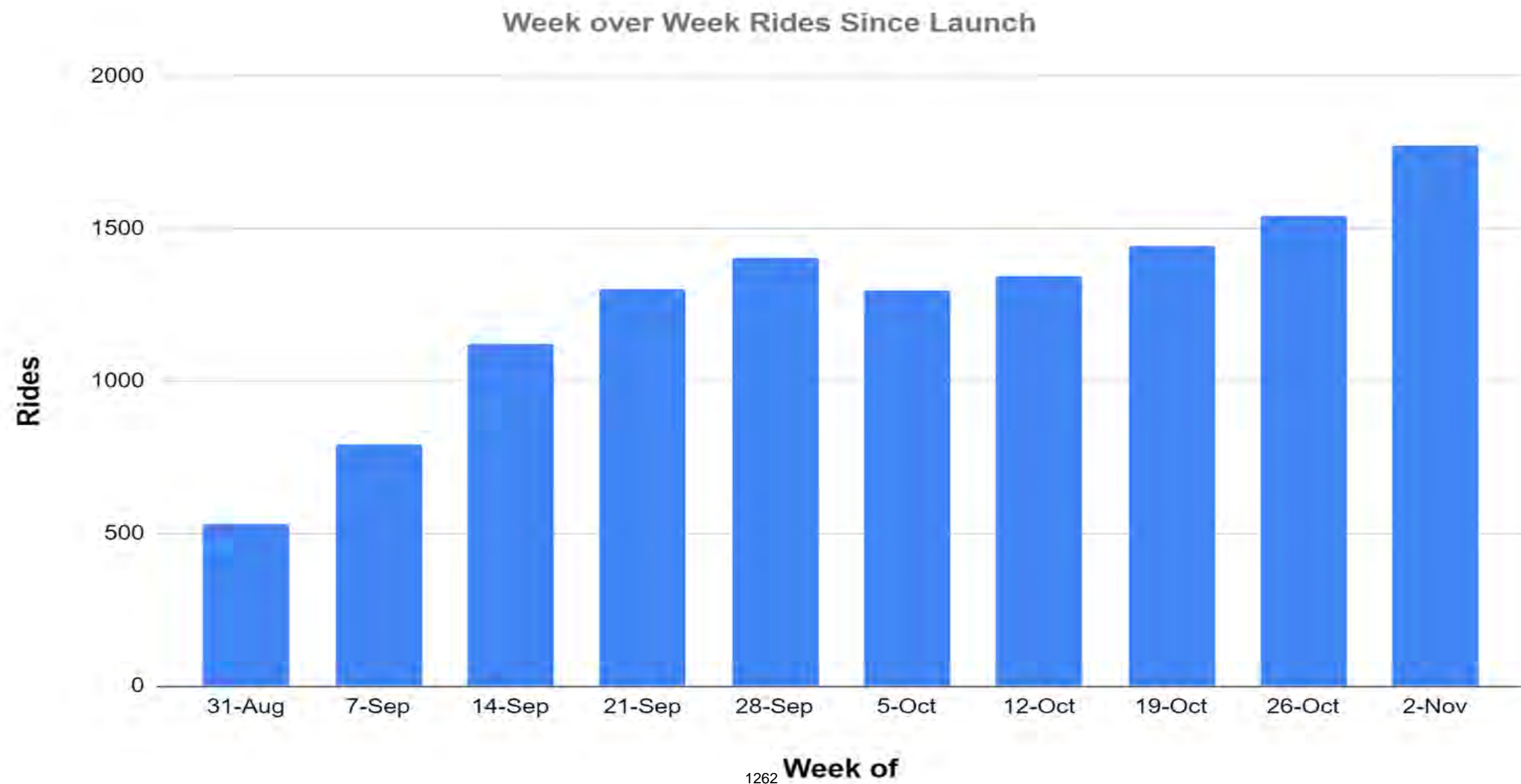


**Matches riders with the
best vehicle for that
shared journey**



**Directs riders and
drivers dynamically to
the best virtual stop**

Ridership has grown quickly since launch (even during COVID-19)



14,184

Rides

Passenger Transports

12,554

Trips

Distinct Bookings

797

Riders

Unique Riders Who Have
Made at Least 1 Booking

74%

App Bookings

26%

Phone Bookings

And the riders love it!

Average Wait Time	11.6 minutes
Average Trip Duration	9.1 minutes
Average Rider Rating	4.8/5 stars

// Fast, fast service."

// Great driver. Smooth ride!!"

// Can I please request Ms. Pamela for all my Via trips? Ms. Pamela was so nice. Perfect customer service. Job well done."

Wilson and NCDOT win FTA AIM Grant

- September 2020 – FTA awarded NCDOT and Wilson a competitive grant for \$250,000 as part of the Accelerating Innovation Mobility Program.
- Funds will be used to expand service hours and coverage area.
- Close coordination with FTA's Office of Mobility Innovation



NCDOT Wins AASHTO Award

- November 2020 – AASHTO selected the Wilson Microtransit project as an Innovation Initiative focus technology.
- Award will include technical support from AASHTO to analyze benefits of the project and promote the project nationwide.



Technology Vision

- Residents can plan, schedule, and pay for all transportation in one place
- Truly on-demand transit (day-of or hour-of pickup) statewide with seamless cross-jurisdiction trips
- Equal access to opportunities, services and resources for all residents – similar cost and convenience to get places for those with or without a car

SaaS



Software-as-a-Service

Licensing Via's (or other software provider's) on-demand system to transit agencies and operators who prefer to use their own vehicles and drivers.

TaaS



Transportation-as-a-Service

Turnkey solution operated by Via (or other provider) on behalf of transit agency that includes technology, drivers, vehicles, and operations management.

MaaS



medium.com

Mobility-as-a-Service

Software solution connecting multiple transportation scheduling and payment systems.

Not too far away...

- All transit agencies already use scheduling software
- Multiple software vendors offer SaaS
- 1-2 year goal – statewide SaaS vendor, supplemented with TaaS in some locations, connected by MaaS



Routematch



QRyde





NORTH CAROLINA

Department of Transportation



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NORTH CAROLINA
DEPARTMENT OF STATE TREASURER



Dale R. Folwell, CPA
STATE TREASURER OF NORTH CAROLINA
DALE R. FOLWELL, CPA

STATE AND LOCAL GOVERNMENT FINANCE DIVISION

Build NC Bond Program – Update

Sharon Edmundson – Deputy Treasurer

Lewis Andrews – Director of State Debt

January 6, 2021



Primary Responsibilities of the DST State Debt Section

- Coordinate the issuance of debt authorized by State law
- Provide required disclosure information for the State CAFR, Rating Agencies and various regulatory agencies
- Produce and publish the Annual Debt Affordability Study; staff the Debt Affordability Advisory Committee
- Coordinate and monitor the payment of debt service and other debt related fees



Primary Responsibilities of the DST State Debt Section (Continued)

- Monitor outstanding State debt for any post-issuance compliance issues. Examples include as follows:
 - 1) Private use issues that might compromise the bond's tax-exempt status
 - 2) Provide event disclosure as required under SEC Rule 15c2-12
- Provide State debt reports and analysis as requested by the General Assembly, various State agencies and other regulatory agencies etc.



Build NC Bonds

- The Build NC Bond Act of 2018 was signed into law in June of 2018
- The State issued the first series of Build NC Limited Obligation Bonds on June 27, 2019. Par = \$300 million

In July 2020, SL 2020-91 was signed into law which allowed the State to issue up to \$700 million in Build NC Bonds in Fiscal Year 2020-21

- The State issued the second series of Build NC Bonds on November 12, 2020. Par = \$700 million



Highlights of the Build NC, Series 2020A

Overview of Transaction

Issuer:	State of North Carolina ("State")
Sale Date:	October 29, 2020
Closing Date:	November 12, 2020 [Issuance Date]
Issue:	\$700,000,000 Limited Obligation (Build NC) Bonds
Structure:	Serial bonds maturing 5/1/2021 – 5/1/2035 [Level Debt Service]
Use of Proceeds:	The Series 2020B Bonds are being issued to (i) fund transportation projects across the State, (ii) fund the Debt Service Reserve Fund, and (iii) pay certain costs incurred in connection with the sale and issuance of the Series 2020B Bonds
Security:	The Series 2020B Bonds are limited obligations of the State. The authorizing legislation for issuance of the Series 2020B Bonds provides that funds from the Highway Trust Fund ("HTF") shall be the source of repayment of the Series 2020B Bonds, subject to appropriation by the North Carolina General Assembly in its discretion
Ratings:	Moody's: Aa1 (stable outlook) S&P: AA+ (stable outlook) Fitch: AA+ (stable outlook)
Redemption:	Callable on 5/1/2030 @ Par



Build NC, Series 2020B Sale Results

Sources:

Bond Proceeds:

Par Amount	700,000,000.00
Net Premium	148,687,448.55

848,687,448.55

Uses:

Project Fund Deposits:

Project Fund	781,420,235.30
--------------	----------------

Other Fund Deposits:

Debt Service Reserve Fund	64,869,100.00
---------------------------	---------------

Delivery Date Expenses:

Cost of Issuance	600,000.00
Underwriter's Discount	1,798,113.25
	2,398,113.25

848,687,448.55

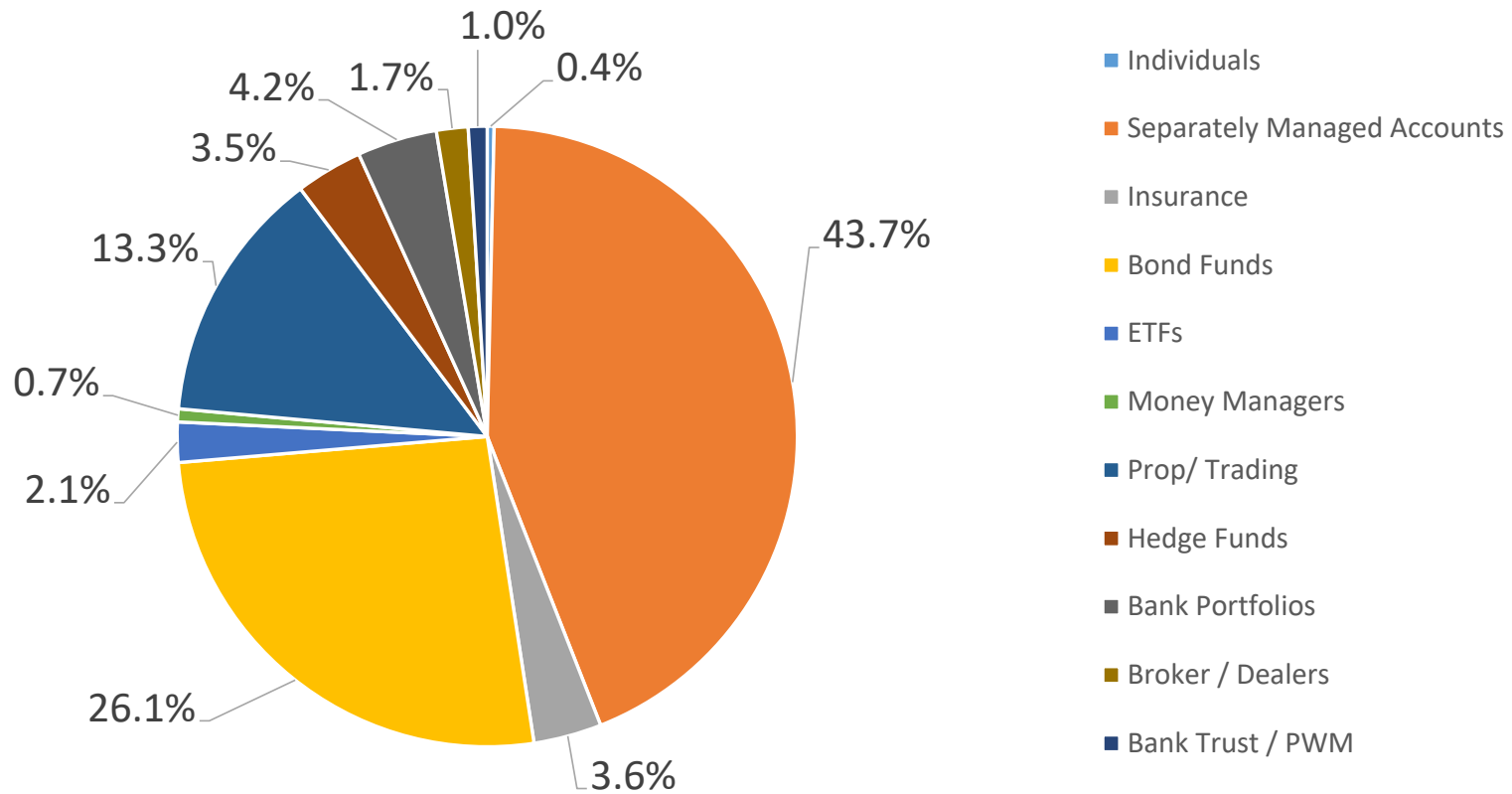


Build NC, Series 2020B Sale Results - Continued

First Maturity	May 1, 2021
Final Maturity	May 1, 2035
True Interest Cost (TIC)	1.538259%
All-In TIC	1.548037%
Average Life (Years)	8.419
Total Interest	\$249,222,263.61
Total Debt Service	\$949,222,263.61
Maximum Annual Debt Service	\$64,869,100.00



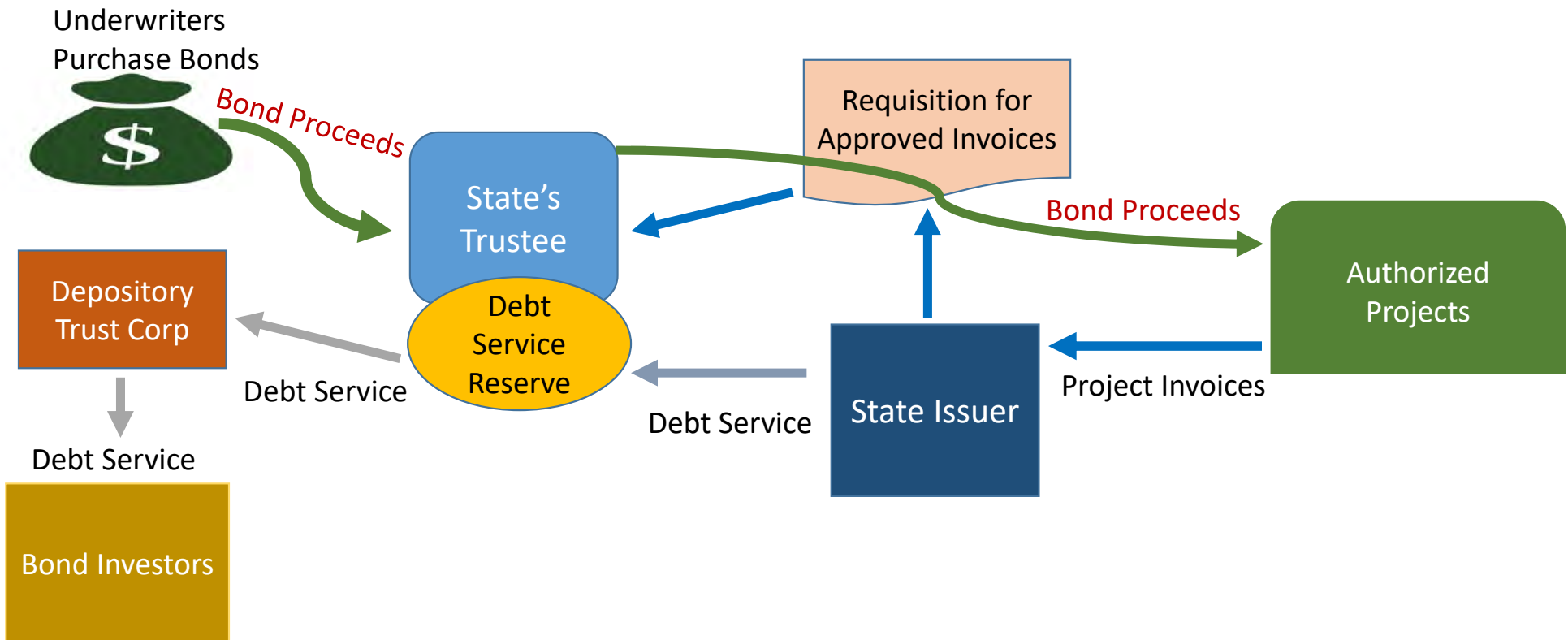
Build NC 2020B – Investor Type Distribution



Source – Build NC 2020B Final Pricing Book



Management of Build NC Bonds Proceeds





Order of Investment Objectives for Bonds Proceeds

State's Investment Agent directs idle bond proceeds into appropriate investments in accordance with State law.

1. Safety
2. Liquidity
3. Yield



Upcoming Statutory Requirement for Build NC Bond Program

- Certification of Cash in January, February and March 2021 as required by SL 2018-16 (Build NC Bond Act).

142-97(2)(a) – “The Department of Transportation's average month-end cash balance for the first three months in the calendar year prior to the date of determination is equal to or less than one billion dollars (\$1,000,000,000).”

NORTH CAROLINA
DEPARTMENT OF STATE TREASURER



Dale R. Folwell, CPA
STATE TREASURER OF NORTH CAROLINA
DALE R. FOLWELL, CPA

STATE AND LOCAL GOVERNMENT FINANCE DIVISION

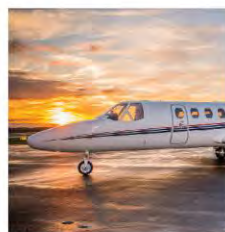
Questions?

sharon.edmundson@nctreasurer.com
lewis.andrews@nctreasurer.com



NORTH CAROLINA

Department of Transportation



Municipal Bond Basics

David Miller, PFM Financial Advisors

January 2021

Bond Issuance Purposes

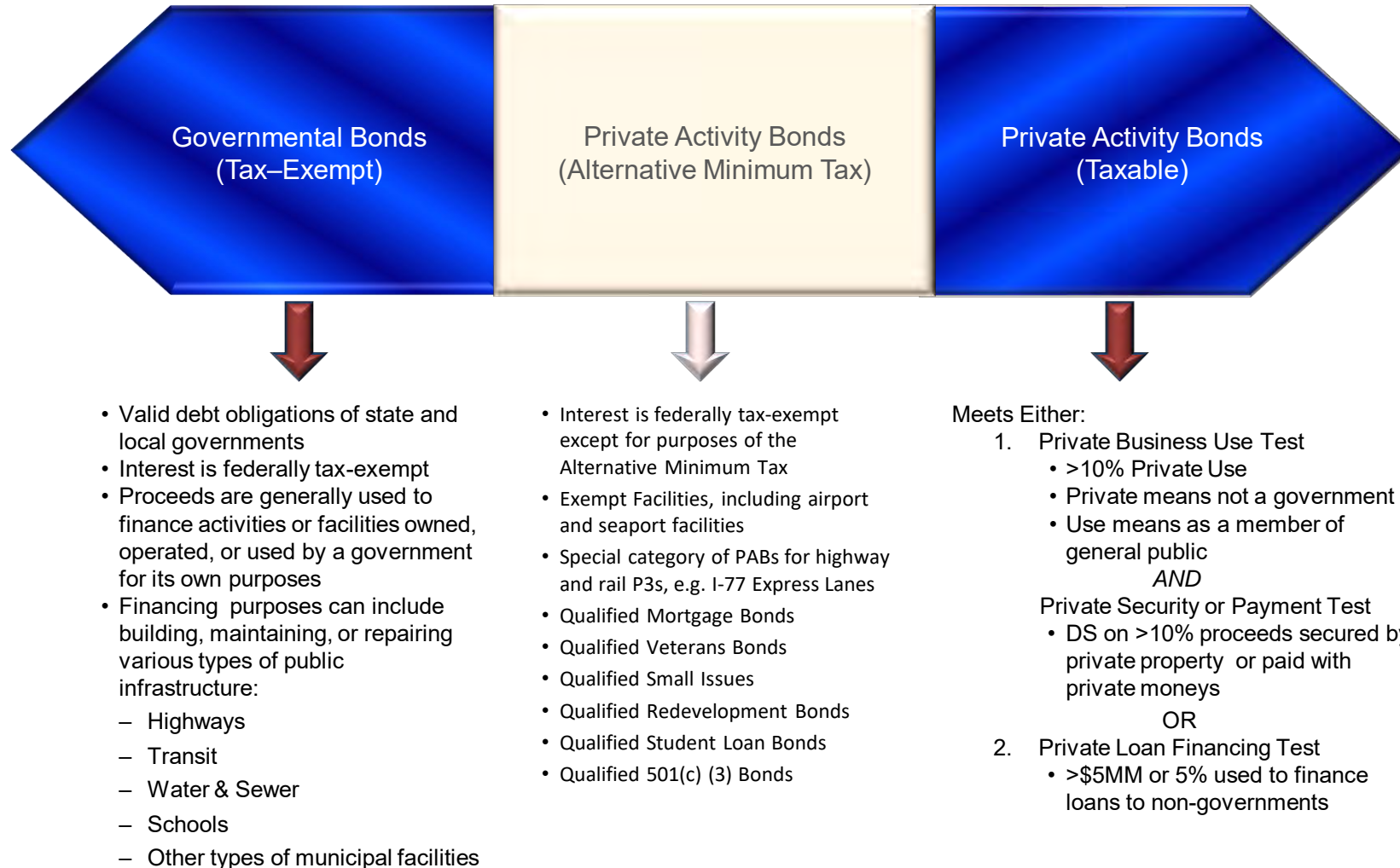
New Money Bonds

- Issued to fund Capital Projects such as roads, bridges, airports, transit, seaports, schools, power plants, water & sewer, etc.

Refunding Bonds

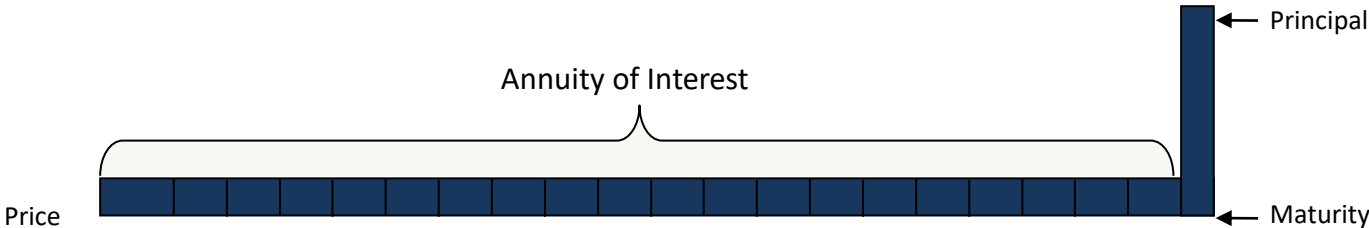
- Issued to pay off existing bonds. The old debt service payments are replaced with new debt service payments.
 - Most refundings are done to create debt service savings by issuing new bonds at a lower yield than the interest rate on outstanding bonds -“High to Low”
 - Some refundings are done to get out of the restrictions/requirements of an indenture (which sets the parameters for which they can issue bonds and requirements for funding them) on outstanding bonds
 - A current refunding is one executed at (within 90 days) the call or redemption date of the outstanding bonds.
 - An advance refunding is one executed more than 90 days before the call date and requires a legal defeasance of the refunded bonds by funding an irrevocable escrow to pay the bonds at the call date.

Tax Status of Municipal Issues



General Terminology

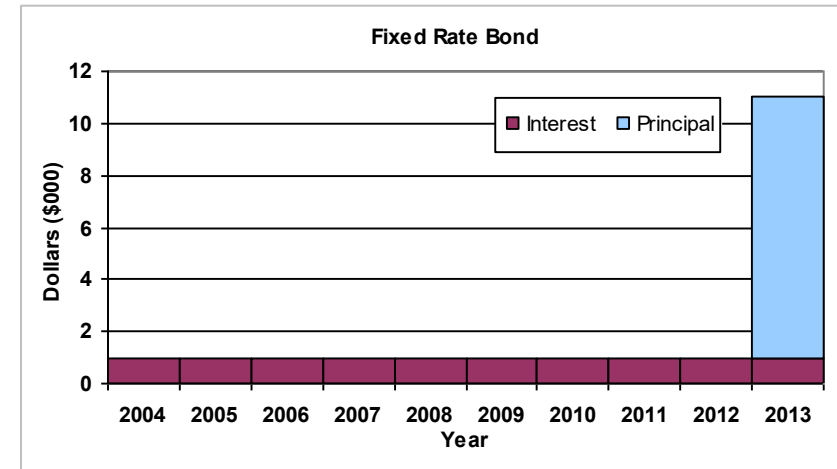
Bond—Evidence of a Loan	<ul style="list-style-type: none">– Buyer of the Bond is the lender or investor– Seller of the Bond is the borrower or issuer
Principal or Face Amount or Par Amount	<ul style="list-style-type: none">– Amount of loan
Maturity Date	<ul style="list-style-type: none">– Repayment date of loan
Nominal or Coupon Rate	<ul style="list-style-type: none">– Interest rate paid periodically on the loan– Usually expressed as a percentage of par amount
Price	<ul style="list-style-type: none">– Amount a lender will lend in consideration of future receipt of principal and interest payments
Yield	<ul style="list-style-type: none">– Single rate that sets the present value of the principal and interest payments equal to the price



Fixed Rate vs. Variable Rate

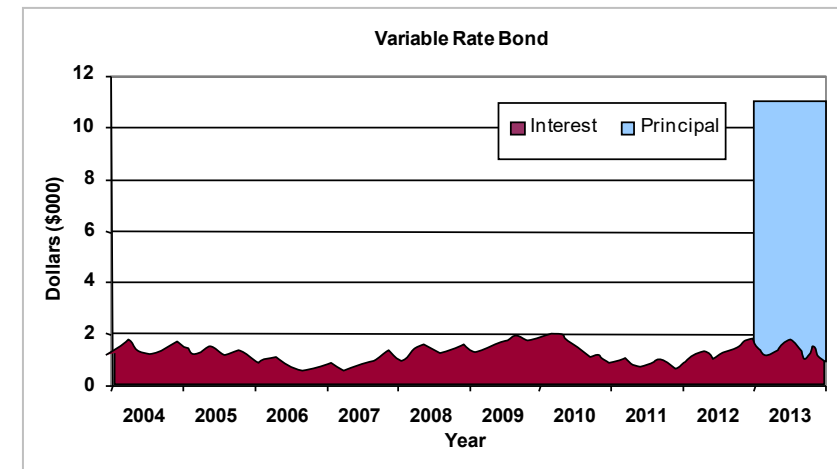
Fixed Rate

- The rates (coupons) are set on the day of the pricing and do not change throughout the life of the bonds
- Issuer will pay the exact same interest amounts (usually twice a year) for as long as they own the bonds
- Generally higher interest rate, especially for long term maturities



Variable Rate

- The interest rates are reset to different coupons at predetermined points throughout the year
- Issuer will pay varied interest payments for the life of the bonds
- Generally lower interest rates but with rate risk and budget uncertainty



Call Features

Option Call

- Call is exercised only at the option of the issuer
- Calls typically exercised to achieve savings or restructure debt

Mandatory Call

- Call must be exercised on specified date/during specified timeline
- May be required by law
- May be required by legal structure of transaction

Extraordinary Call

- Call exercised upon occurrence of certain events
- May be optional (destruction of project) or mandatory

Redemption Prices for Call Vary

- Par
- Premium
- Make-whole

Common Bond Security Structures

General Obligation Bonds

- Full Faith and Credit Pledge
- Typically the highest credit quality and lowest cost
- Taxing Power
- Not Subject to Appropriation

Appropriation Bonds

- Special Obligation Pledge
- All legally Available Revenues
- No Taxing Power
- Subject to Appropriation
- Build NC Bonds

Revenue Bonds

- Revenue Pledge
- Specifically Defined Revenue Source, often from enterprise net operating revenues
- Revenue Bonds may have a senior or subordinate lien on the revenues pledged
- Covenants to Ensure Revenue Sufficiency, e.g. a rate covenant
- No Property Taxing Power
- Not Subject to Appropriation
- GARVEE Bonds

Special Purpose Facility & Conduit Bonds

- Issued by a governmental entity on behalf of another government or a private entity
- Examples include economic and industrial development authorities
- Commonly used by airports and seaports
- Often backed by corporate lease/rental revenues
- Often backed by parent company guarantees
- Covenants to Ensure Revenue Sufficiency
- No Taxing Power; Not Subject to Appropriation

Asset Backed

- Indebtedness secured by an interest in the underlying asset being financed
- Mortgage backed debt
- Certificates of Participation
- Various forms of equipment leases have been used, including by ports to finance cranes

Ratings and Rating Agencies

- Rating Agencies (Moody's, Standard & Poor's and Fitch) rate both G.O. and Revenue bond credits on a scale in order to rank or categorize the credit worthiness and proximity to default of an Issuer and their obligations
- While many sophisticated Investors do their own credit research, ratings play a critical role in the minds of most market participants and are perceived by the market as a guide of an Issuer's credit worthiness
- Ultimately, credit ratings play a significant role in broadening the investor base for an issuer and usually having a strong rating enhances an Issuer's access to Investors, helping to lower their cost of capital

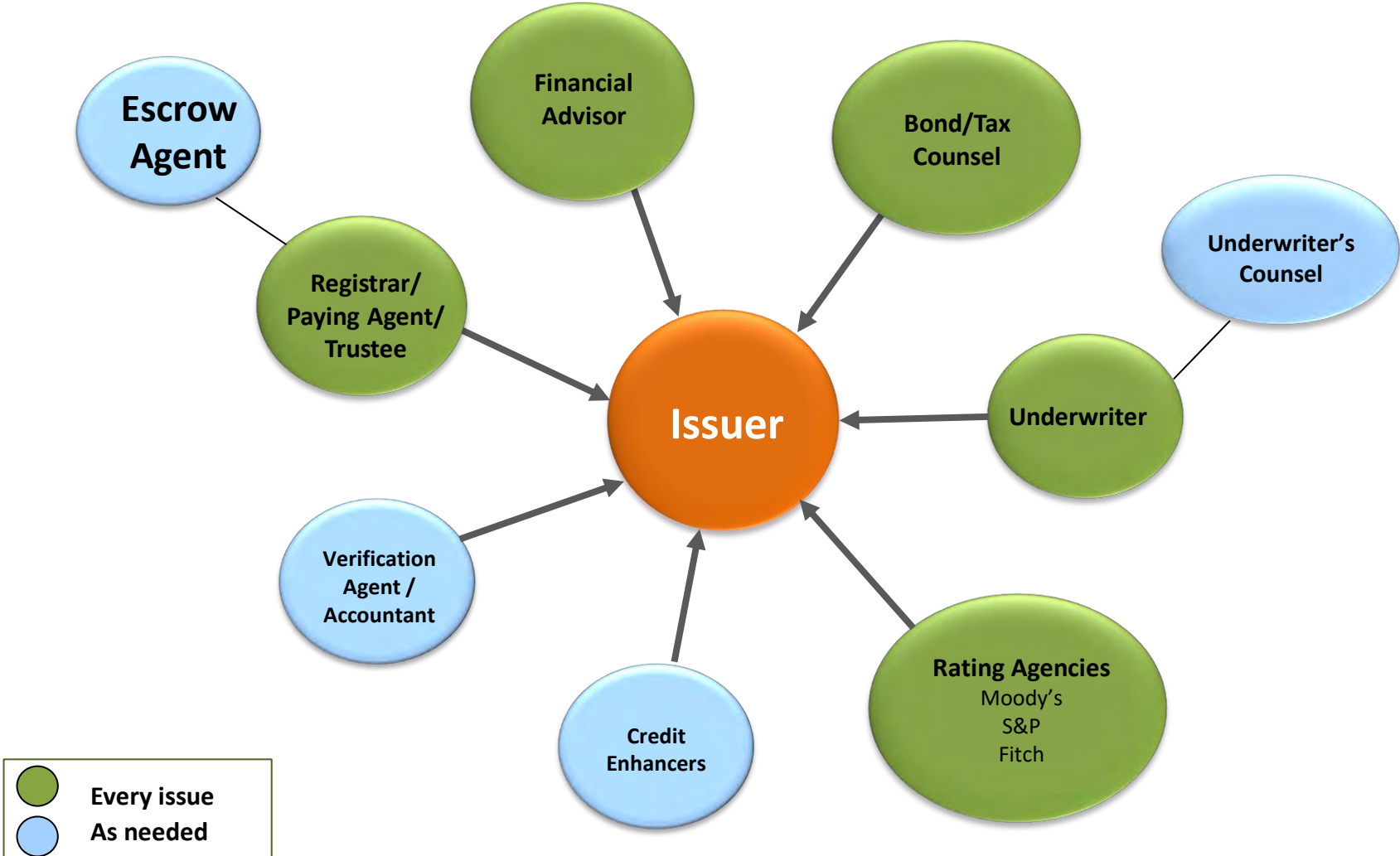
Rating Agencies and Scales

- Rating Agencies (Moody's, Standard & Poor's and Fitch) rate both G.O. and Revenue bond credits on a scale in order to rank or categorize the credit worthiness and proximity to default of an Issuer and their obligations
- While many sophisticated investors do their own credit research, ratings play a critical role in the minds of most market participants and are perceived by the market as a guide of an Issuer's credit worthiness
- Most municipal bond issuers are rated in the investment grade categories.
 - Build NC Bonds Aa1 / AA+ / AA+
 - GARVEE Bonds A2 / AA / A+

Investment Grade Rating Scales

Moody's	Aaa	Aa1	Aa2	Aa3	A1	A2	A3	Baa1	Baa2	Baa3
S&P/Fitch	AAA	AA+	AA	AA-	A+	A	A-	BBB+	BBB	BBB-

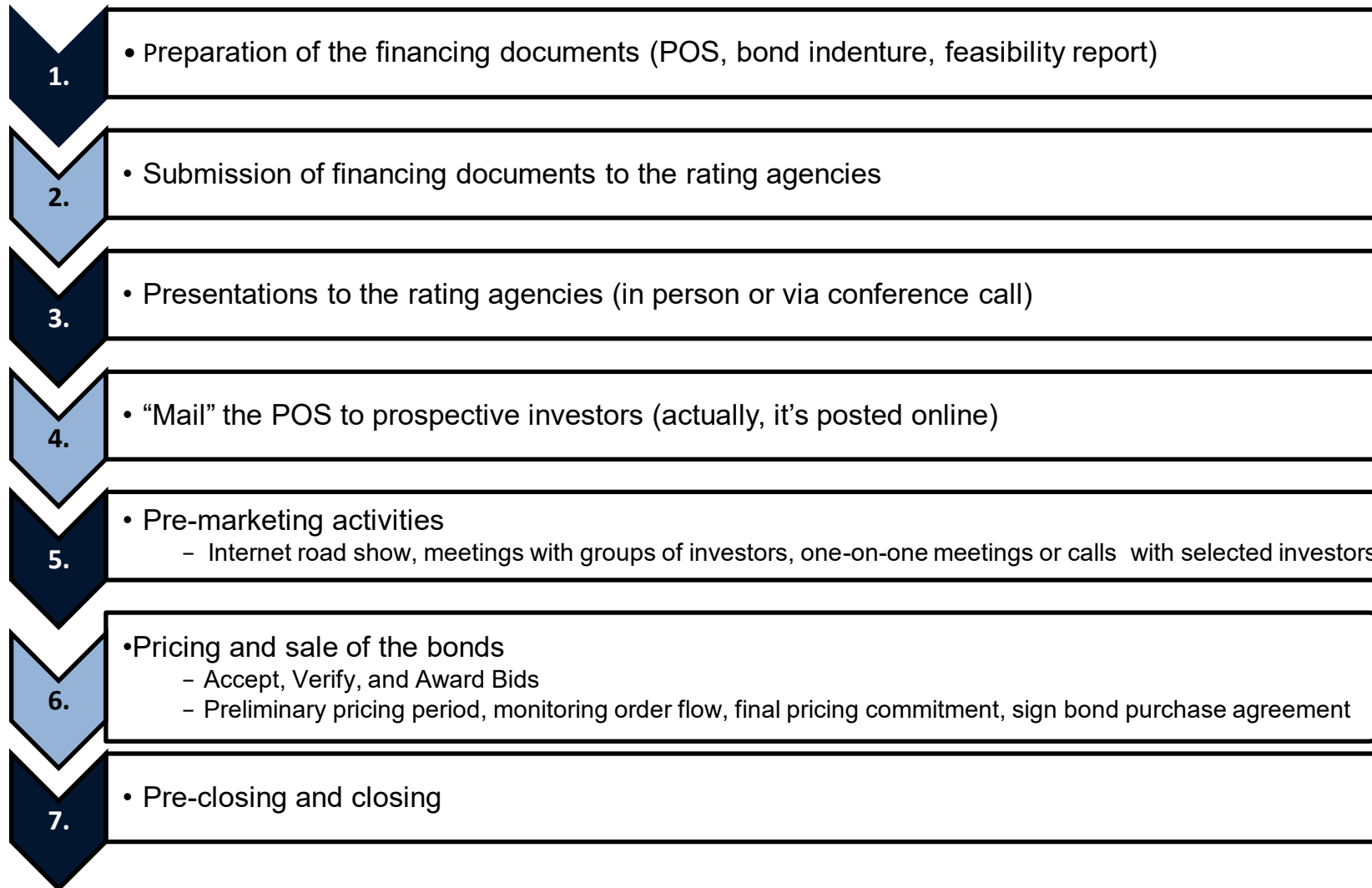
Participants to the Transaction Team



Types of Bond Sales

- Generally speaking, Issuers utilize one of two bond sale processes to access the primary capital market:
 - **Competitive Sales:** An Issuer procures bids from a variety of Underwriters on the obligations they are planning to issue and select one bid (i.e., the lowest costing bid)
 - **Negotiated Solicitation:** An Issuer selects an Underwriter or a group of underwriting firms and works with the selected Underwriter(s) to price obligations through negotiation with the Underwriter(s)
- An issuer could also Privately Place their obligations by procuring an investor, often via a RFP process, interested in purchasing their obligations and negotiating a price for their obligations directly with the Investor(s).
 - **Bank Loans:** Bank lending is a form of private placement
- Factors such as security type, credit rating, transaction size, and frequency of issuance typically help determine the best method of sale to utilize

The Process of Selling Bonds



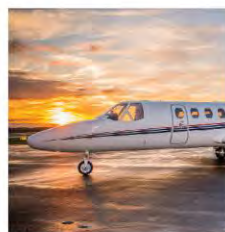
Quantitative Analysis During a Bond Sale

<u><i>Type of Analysis</i></u>	<u><i>Specific Calculations</i></u>
<i>Bond Sizing Calculations</i>	<ul style="list-style-type: none"> • Deposit to construction fund • Capitalized interest • Debt service reserve fund • Cost of issuance
<i>Key Decisions Regarding Issue Structure</i>	<ul style="list-style-type: none"> • Serial vs. term bonds • Debt service structure
<i>Key Calculations During Pricing</i>	<ul style="list-style-type: none"> • Premium vs. discount bonds • Yield to call vs. yield to maturity
<i>Yield Calculations</i>	<ul style="list-style-type: none"> • Arbitrage yield • True interest cost • “All-in” financing cost
<i>Calculations on a Refunding Issue</i>	<ul style="list-style-type: none"> • Annual debt service savings • Present value savings
<i>Additional Calculations that are Required on Some Issues</i>	<ul style="list-style-type: none"> • Economic analysis of possible use of bond insurance • Economic analysis of possible use of a surety bond for the debt service reserve fund



NORTH CAROLINA

Department of Transportation



Financial and Spend Plan Update

As of November 2020

Stephanie King, Chief Financial Officer

January 6, 2021

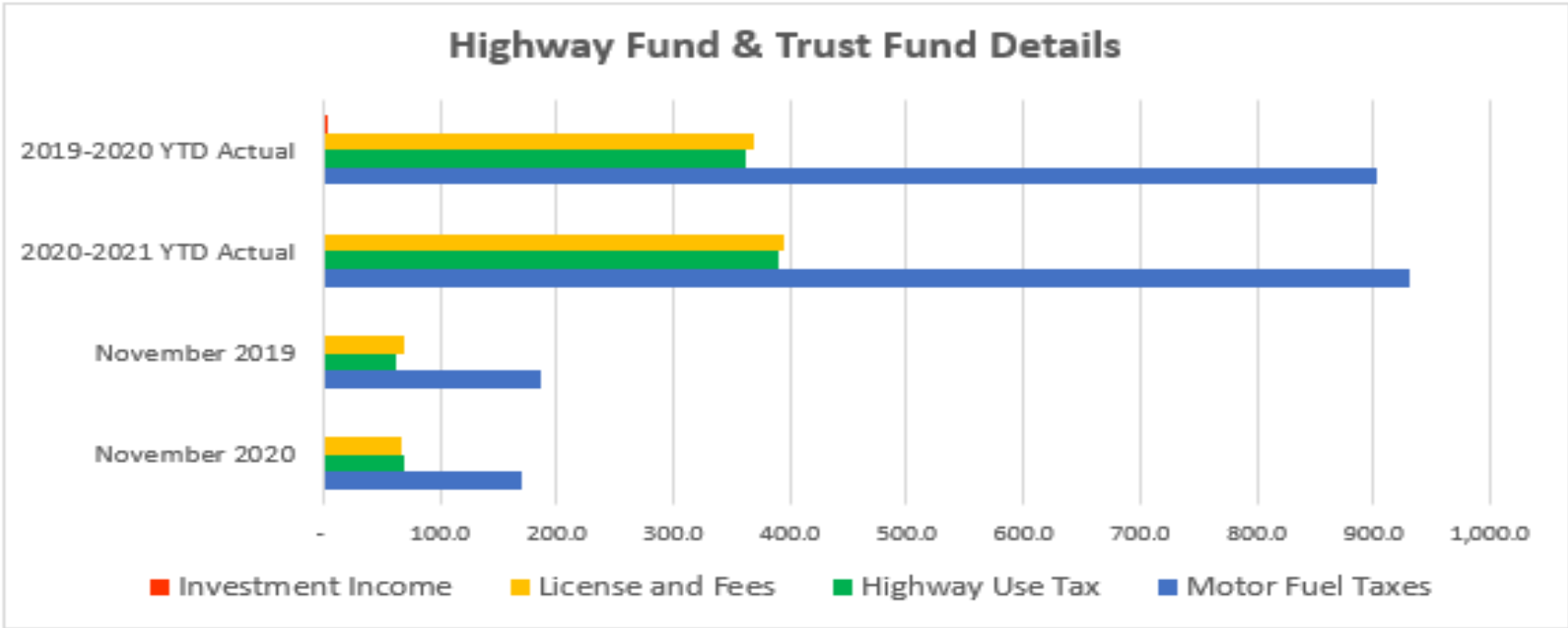
Federal Status Update 12/30/20

- FFY 2021 Appropriations
 - FHWA Transportation Similar to FFY 2020 (small reduction)
- COVID Relief Package (~\$900B)
 - Transportation - \$45B
 - Airports (2B), Air Carriers (16B) Amtrak (1B), Mass Transit (14B), Motorcoaches (2B) and State DOT's (10B)
 - Of the \$10B for highways - \$9.8 B Distributed as STPBG Like Program using 2020 distribution with 14% going to Transportation Management Associations (TMAs)
 - 100% Share
 - OA expires 9/2024
 - Flexibility of use

Highway Fund & Trust Fund Details November 2020

(in millions)

Highway Fund & Trust Fund Details	November 2020	November 2019	Year Over Year			
			2020-2021 YTD Actual	2019-2020 YTD Actual	\$ Δ	% Δ
Motor Fuel Taxes	170.1	185.9	930.3	901.8	\$ 28.5	3%
Highway Use Tax	69.0	63.2	390.4	362.0	28.4	8%
License and Fees	66.1	68.4	394.3	370.0	24.3	7%
Investment Income	0.6	0.9	1.8	3.9	(2.1)	-55%
Total	\$ 305.8	\$ 318.4	\$ 1,716.8	\$ 1,637.8	\$ 79.0	5%



Financial Update

SFYTD 2021 as compared SFYTD 2020 (\$ in millions)

	Month over Month		Year to Date		
	November 2020	November 2019	YTD 2021	YTD 2020	\$ Change
<u>Highway Fund & Highway Trust Fund</u>					
Collections	\$ 663	\$ 448	\$ 2,797	\$ 2,363	\$ 434
Expenditures	<u>359</u>	<u>484</u>	<u>2,057</u>	<u>2,677</u>	<u>(620)</u>
Net Change	\$ 304	\$ (35)	\$ 739	\$ (315)	\$ 1,054
			November 2020	November 2019	
Cash Balances:					
Highway Trust Fund			\$ 487	\$ 270	
Highway Fund*			<u>566</u>	<u>72</u>	
Totals			<u>\$ 1,053</u>	<u>\$ 341</u>	

*Excludes bond proceeds held by Trustee

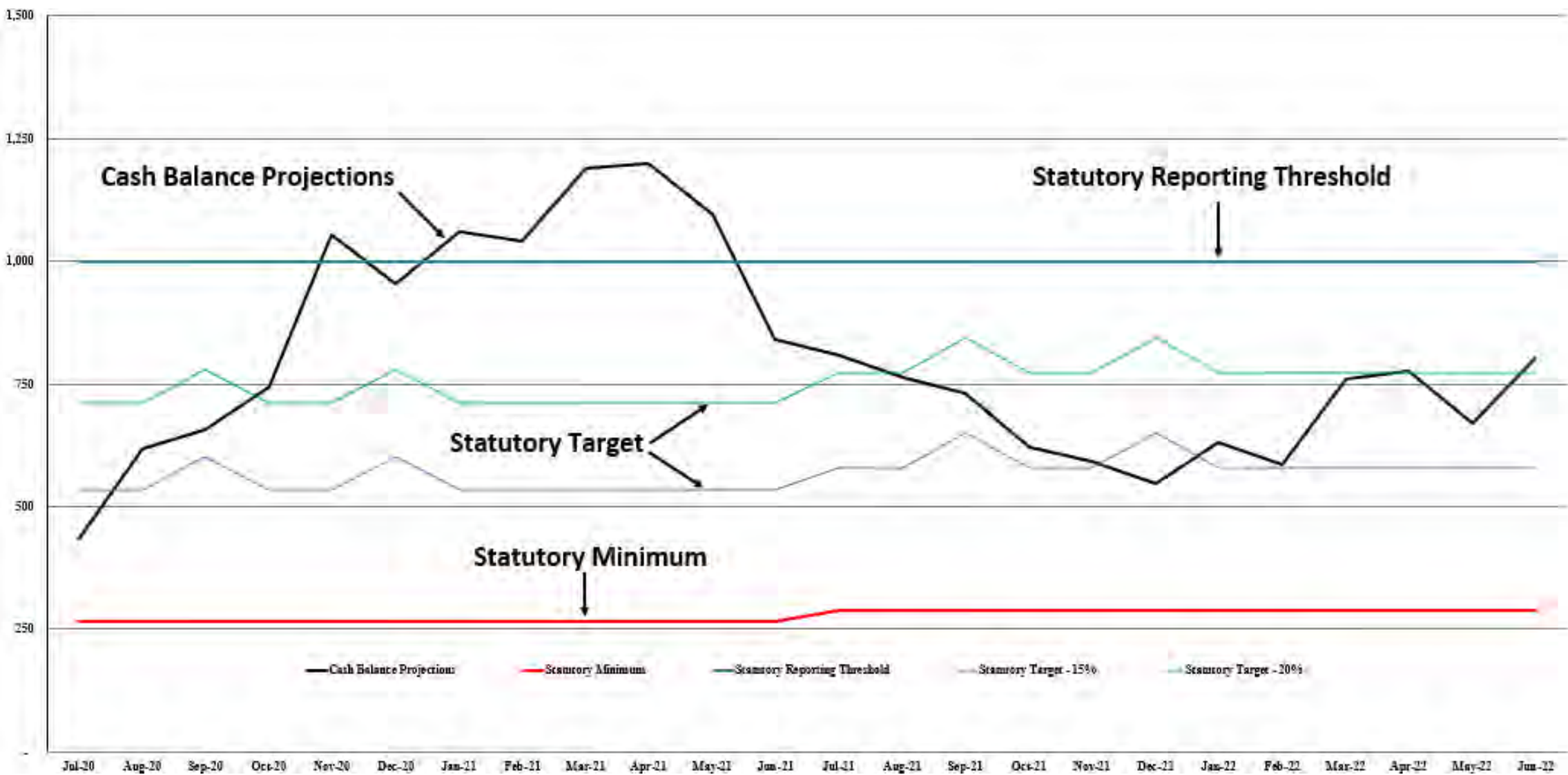
Cash Reporting

Joint Legislative Transportation Oversight Committee

November 2020 – Reporting Required

- Section 2.1 of Session Law 2019-251 requires DOT to report each month when the department's combined average daily cash balance for the month is outside of the statutory target range.
- For November 2020, the **average daily cash balance** of the Highway Fund and the Highway Trust Fund was \$751 million.
- The cash target amounts representing 15% and 20% of the total appropriations for the current fiscal year are \$535 million and \$713 million, respectively.
- The closing cash balance for November was \$1.05 billion which is above the target range and above the minimum cash balance requirement of \$267 million under G.S. 143C-6-11.

24 Month Forecast



Approved Spend Plan Versus Actuals July – November 2020

Source: FPG/Baseline Forecast/Cash Model SFY2021_Spend Plan Amendment

	12/2/20 Approved Baseline Forecast				Actuals				% Δ	\$ Δ
	1st Qtr	Oct-20	Nov-20	YTD	1st Qtr	Oct-20	Nov-20	YTD	YTD	YTD
	SFY2021	4	5	SFY2021	SFY2021	4	5	SFY2021	SFY2021	SFY2021
OPENING CASH BALANCE	\$ 266	\$ 656	\$ 743		\$ 266	\$ 656	\$ 743			
REVENUES										
State revenues	\$ 1,087	\$ 324	\$ 318	\$ 1,729	\$ 1,087	\$ 324	\$ 305	\$ 1,717	-1%	\$ (12)
Federal aid	315	81	71	467	315	81	90	485	4%	18
Federal aid - InfraGrant	15	5	16	36	15	5	0	20	-44%	(16)
Turnpike Federal Aid	2	0		2	2	0	0	2	7%	0
Other	55	16	16	86	55	16	12	82	-5%	(4)
	1,473	426	421	2,320	1,473	426	408	2,306	-1%	(13)
GARVEE REIMBURSEMENT FROM TRUSTEE	69	23	61	152	69	23	55	146	-4%	(6)
BUILDNC REIMBURSEMENT FROM TRUSTEE	144	-	172	317	144	-	200	344	9%	28
TOTAL REVENUES & OTHER RECEIPTS	\$ 1,686	\$ 448	\$ 654	\$ 2,788	\$ 1,686	\$ 448	\$ 663	\$ 2,797	0%	\$ 9
CONSTRUCTION EXPENDITURES										
Garvee Expenditures	(99)	(31)	(50)	(180)	(99)	(31)	(77)	(207)	15%	(27)
Garvee Debt Service	(24)	-	-	(24)	(24)	-	0	(24)	0%	0
Division of Mitigation Services (Formerly EEP)	(6)	(0)	-	(6)	(6)	(0)	(2)	(8)	39%	(2)
BUILDNC Expenditures	(65)	(27)	(46)	(138)	(65)	(27)	(52)	(144)	4%	(6)
BUILDNC Debt Service	-	-	-	-	-	-	(7)	(7)		(7)
Strategic Transportation Initiative	(352)	(144)	(75)	(571)	(352)	(144)	(116)	(612)	7%	(41)
NC Mobility Fund	0	(0)	-	0	0	(0)	(0)	0	0%	(0)
TIP	(184)	(27)	(96)	(307)	(184)	(27)	46	(165)	-46%	142
TIP - Infragant	(19)	(5)	(5)	(30)	(19)	(5)	(12)	(36)	21%	(6)
Other Construction - Secondary Roads	(1)	(0)	(1)	(2)	(1)	(0)	(0)	(1)	-52%	1
Other Construction - Spot Safety Improvements	(2)	(0)	(4)	(6)	(2)	(0)	(0)	(2)	-59%	3
Other Construction - Contingency	(1)	(0)	(4)	(5)	(1)	(0)	(0)	(1)	-81%	4
Other Construction - Mobility/Modernization	(5)	(1)	(3)	(9)	(5)	(1)	(1)	(6)	-30%	3
Turnpike Authority	(2)	(1)	(0)	(4)	(2)	(1)	(1)	(4)	18%	(1)
Internal Orders	5	(5)	(1)	(1)	5	(5)	(6)	(6)	339%	(5)
CMAQ	(9)	(5)	(3)	(17)	(9)	(5)	(2)	(17)	-1%	0
Total Construction	\$ (762)	\$ (248)	\$ (288)	\$ (1,298)	\$ (762)	\$ (248)	\$ (230)	\$ (1,240)	-4%	\$ 58

Approved Spend Plan Versus Actuals July – November 2020

Source: FPG/Baseline Forecast/Cash Model SFY2021_Spend Plan Amendment

	12/2/20 Approved Baseline Forecast				Actuals				% Δ	\$ Δ
	1st Qtr	Oct-20	Nov-20	YTD	1st Qtr	Oct-20	Nov-20	YTD	YTD	YTD
	SFY2021	4	5	SFY2021	SFY2021	4	5	SFY2021	SFY2021	SFY2021
MAINTENANCE EXPENDITURES										
General Maintenance Reserve	\$ (87)	\$ (32)	\$ (32)	\$ (151)	\$ (87)	\$ (32)	\$ (22)	\$ (141)	-7%	\$ 10
Contract Resurfacing	(87)	(21)	(63)	(171)	(87)	(21)	(21)	(129)	-25%	\$ 42
Roadside Environmental	(21)	(7)	(7)	(35)	(21)	(7)	(7)	(35)	-1%	\$ 1
Pavement Preservation	(18)	(4)	(6)	(29)	(18)	(4)	(4)	(26)	-9%	\$ 2
Bridge Program	(31)	(7)	(22)	(60)	(31)	(7)	(8)	(46)	-23%	\$ 14
Bridge Preservation	(15)	(6)	(5)	(25)	(15)	(6)	(3)	(24)	-5%	\$ 1
Undeclared Disaster Funding Including Snow and Ice	-	(0)	(11)	(11)	-	(0)	(0)	(0)	-98%	\$ 11
Disaster Funding - FEMA	(10)	(5)	(4)	(19)	(10)	(5)	(6)	(20)	10%	(2)
Total Maintenance	\$ (269)	\$ (82)	\$ (151)	\$ (502)	\$ (269)	\$ (82)	\$ (71)	\$ (422)	-16%	\$ 80
OTHER MODES										
Public Transportation	\$ (18)	\$ (4)	\$ (21)	\$ (43)	\$ (18)	\$ (4)	\$ (6)	\$ (28)	-35%	\$ 15
Public Transportation - New Starts	-	0	(1)	(1)	-	0	0	0	-100%	\$ 1
Ferry Operations	(11)	(5)	(8)	(24)	(11)	(5)	(3)	(20)	-18%	\$ 4
Railroad program	(10)	(2)	(8)	(21)	(10)	(2)	(2)	(14)	-31%	\$ 7
Airports	(69)	(22)	(8)	(100)	(69)	(22)	(6)	(98)	-2%	\$ 2
Total Other Modes	\$ (108)	\$ (34)	\$ (46)	\$ (188)	\$ (108)	\$ (34)	\$ (17)	\$ (159)	-15%	\$ 28
OTHER EXPENDITURES										
Administration	\$ (63)	\$ (26)	\$ (30)	\$ (118)	\$ (63)	\$ (26)	\$ (24)	\$ (113)	-5%	\$ 6
Transfers to Other State Agencies	(19)	(2)	-	(22)	(19)	(2)	(0)	(22)	2%	(0)
Transfers to General Fund/NCTA - GAP Funds	(12)	-	(12)	(25)	(12)	0	(12)	(25)	0%	-
State aid to municipalities	(66)	-	-	(66)	(66)	0	(1)	(66)	1%	(1)
Debt Service	-	-	-	-	-	0	0	-	-	-
Other Programs	(6)	(2)	(1)	(9)	(6)	(2)	(3)	(10)	14%	(1)
Total Other Expenditures	\$ (166)	\$ (30)	\$ (44)	\$ (240)	\$ (166)	\$ (30)	\$ (40)	\$ (236)	-1%	\$ 3
TOTAL EXPENDITURES	\$ (1,305)	\$ (394)	\$ (529)	\$ (2,227)	\$ (1,305)	\$ (394)	\$ (359)	\$ (2,057)	-8%	\$ 170
OTHER CHANGES IN CASH										
Working capital changes	\$ 9	\$ 32		\$ 42	\$ 9	\$ 32	\$ 6	\$ 48	15%	\$ 6
	\$ -	\$ 32	\$ -	\$ -	\$ 9	\$ 32	\$ 6	\$ 48		
NET CHANGE IN CASH	\$ 390	\$ 87	\$ 125	\$ 603	\$ 390	\$ 87	\$ 310	\$ 787	31%	\$ 185
CLOSING CASH BALANCE	656	743	868		656	743	1,053			

Spend Plan Variance

- GARVEE Expenditures, Build NC Expenditures, TIP and STI -6% Variance (-\$68M). Project lettings were delayed during budget restrictions.
- Contract Resurfacing -25% Variance (-\$42M). Have developed aggressive letting schedules for new contracts through fall and spring. Will provide over \$500M in new contractual opportunities and increase monthly expenditures during late SFY 2021 and through SFY 2022. Fall contract lettings will be available March 1, 2021 and spring contract lettings will be available July 1, 2021.
- Bridge Program -23% (-\$14M). As cash has improved have developed aggressive letting schedules for spring and fall 2021. Will provide over \$400M in new contracts and increase monthly expenditures during late SFY 2021 and through SFY 2022.
- Undeclared Disasters -98% (-\$11M). Snow and ice response is the primary driver of expenditures. Ideal scenario would be to experience actuals below established targets for the fiscal year. This would allow a potential redistribution of un-used spending authority for other maintenance needs across the state.

Spend Plan Variance

- Integrated Mobility Division -35% (-\$15M)
 - Due to initial spending restrictions, FY21 FTA Grants that involved state match were delayed. Agreements have now been released. Many involve bus procurement and/or facility construction and anticipate expenditures to increase toward end of state fiscal year
 - State funded programs that were held back are now released:
 - Consolidation and Coordination of Public Transportation (ConCPT)
 - Transportation Demand Management (TDM)
- Railroad Program -31% Variance (-\$7M)P
 - Due to previous spending restrictions, federal project approvals were delayed for first half of SFY 2021. Projects are proceeding now based on Federal or local project development timelines. Expect expenditures to increase in third quarter of SFY 2021.
 - Many rail projects, including FRRCSI, were previously on hold and are now being advanced. Expect expenditures to increase in third quarter of SFY 2021.

Transformational Technology in Transportation

J.J. Eden

Providing drivers more choices for their commute





540 Electronic Submittals

Electronic Submittals



First in the state to utilize
all-electronic submittals

Makes the project delivery
process faster and more efficient

Virtual Meetings

The New Normal

Overnight Move to Virtual



“

That was a very nicely managed webex. The facilitation and instructions were clear and to the point. Very well managed on task.

”

Wrong-Way Vehicle Detection

LaneAlert 2x™

LaneAlert 2x™ Series 1 PFT
Pavement Marking





1



2



3



4



5



6



Technology & Data







All-Electronic Tolling Technology

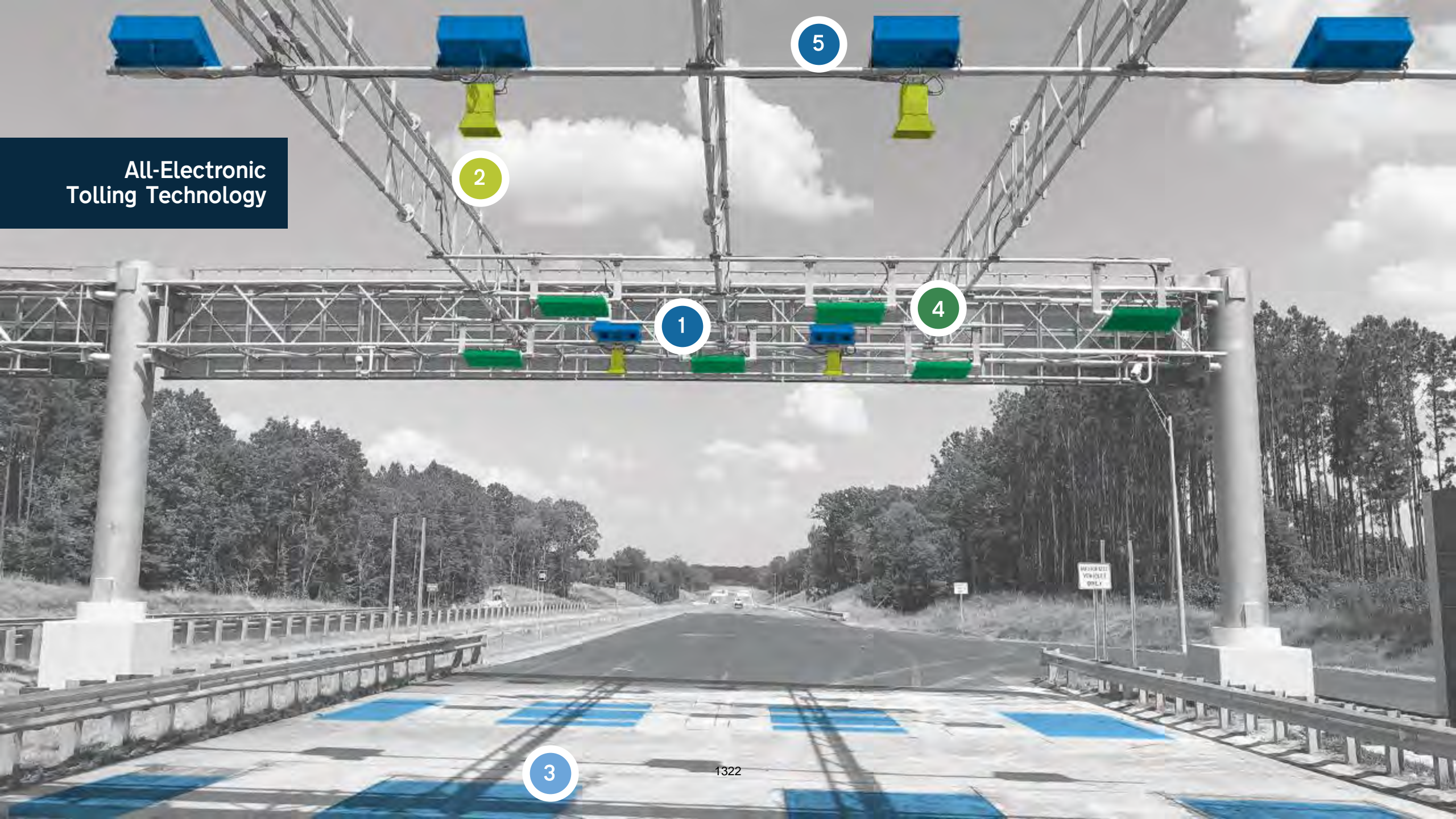
2

5

1

4

3



Connected Vehicle Data





Data pulled every 3 seconds

From ignition on to ignition off

300,000 vehicles in North Carolina

Current market share



Instant Data

Non-intrusive data collection without expensive “tube” or “clicker” counts



Immediate Detection

Identify real time events without expensive roadside infrastructure



Data Share

Can be augmented by multiple vendors to validate data for traffic planning and operations



Old Ranch Golf Course

Seal Beach Blvd

Lampson Ave

Lampson Ave

Lampson Ave

Lampson Ave

Lampson Ave

Basewood St

Seal Beach Tennis Court

Old Ranch Country Club

Ayres Hotel Seal Beach

Spaghetti Grill & Jazz Club

Old Ranch Pkwy

Yellowtail Dr

Yellowtail Dr

Rowena Dr

Yellowtail Dr

Druid Ln

Foster Rd

Hillrose Dr

Tigertail Dr

Brinhall Dr

Foster Rd

Walker Lee Dr

Copa de Oro Dr

N Gate Rd

N Gate Rd

N Gate Rd

OCFA Station 48

McKinney Way

11/25/19
17:00:05pm

1326

11/25/19 05:59:59

11/25/19 05:59:59 0.1x

Integrated Data Platforms





How should we manage data?

- Capture unstructured and structure in real time
- Customer comments
- System health
- Vehicle data (including speed)
- Customer inquiries

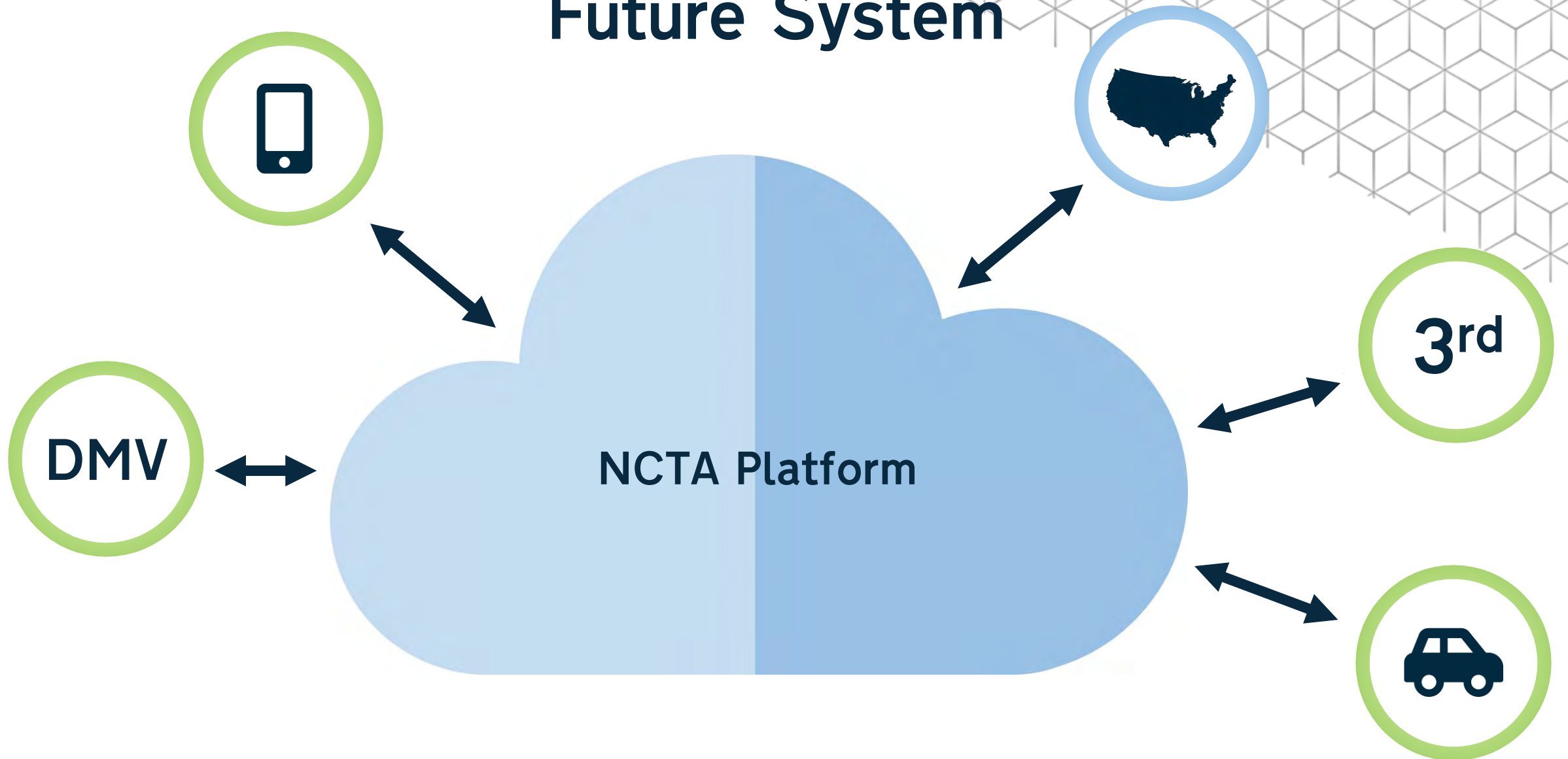


How do you make sense of the data?

- Interoperability for data
- Tailor data to individual needs from non-compatible systems
- Many traffic and customers into one view to increase mobility options
- Run reports in minutes not hours/days, weeks or months



Future System



Pilot Programs



Dec 15, 2020 06:00AM Eastern Standard Time

Store: Circle K 2701403

Address: 4019 Davis Dr

Morrisville NC 27560

Pump: 9

AmericanExpress

Description	Unit price	Qty	Currency	Amount
	\$1.99	11.199	USD	\$22.39
Subtotal				\$22.39
Tax				\$0.00
Total				\$22.39

Transaction ID: 3c0f38

Authorization Code:

Thank you for your business!

Please do not reply to this email. If you have questions please go to our [customer support](#) page.

Transponder Fulfillment





Renewable Energy

Data centers estimated to be self-sustaining by 2040



Robot Technology

100,000 robots & 125,000 employees



Fast Shipments

1,100 packages shipped per minute





Mileage-Based User Fee



Offsetting the Gas Tax

Vehicle Technology



Order 4 large coffees.

Contact Us



ncdot.gov/turnpike



[@NCTurnpike](https://twitter.com/NCTurnpike)

ncquickpass.com

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Thank you!



North Carolina Department of Transportation
Materials and Tests Unit – Product Evaluation Program
Innovative Technologies and Products Awareness Report
January 6th, 2021



PRODUCT HIGHLIGHT – RED 104OG and 104OGA



*Samples of Silica Fume – images
from R-E-D website*

RED 104OG and 104OGA are Silica Fume products manufactured by Reliable, Efficient, Dependable (R-E-D) Industrial Products out of Burnsville, Mississippi and Montgomery, Alabama. They are currently approved for use on the Approved Products List (APL) as NP19-8575 (RED 104OG), and NP19-8576 (104OGA). Silica Fume products are mainly used as a pozzolanic material in high performance concrete applications, and where greater resistance to chloride penetration is needed, such as parking structures, bridges, and bridge decks. These products enhance the concrete's compressive strength and durability, while reducing permeability, porosity, viscosity, and the set time of cement-based materials. Both products are comprised of 100% recycled materials using off gases from silicon metal and ferrosilicon alloy production high in SiO₂ to produce a value-added product from a waste stream. For more information, please visit: www.redindustrialproducts.com

PRODUCT INNOVATION – USCP Steel Reinforced Polymer Manholes



*Installation of USCP Steel Reinforced Polymer
Manhole – photograph from USCP website*

The USCP Steel Reinforced Polymer Manhole is manufactured by U.S. Composite Pipe, Inc. out of Alvarado, Texas. It is currently listed as under evaluation on the APL as NP19-8573. Polymer concrete manholes are used in corrosive environments without the need for a coating or liner to protect them. They can be installed in field conditions with a pH range of 1 to 13, and have a typical design compressive strength of 9,000 psi. The USCP Steel Reinforced Polymer Manhole is available in a range of diameters from 48" to 192". They can be field cored should additional lines be needed later, and the tops are HS-20 rated. For more information, please visit: www.uscompositpipe.com/manholes/